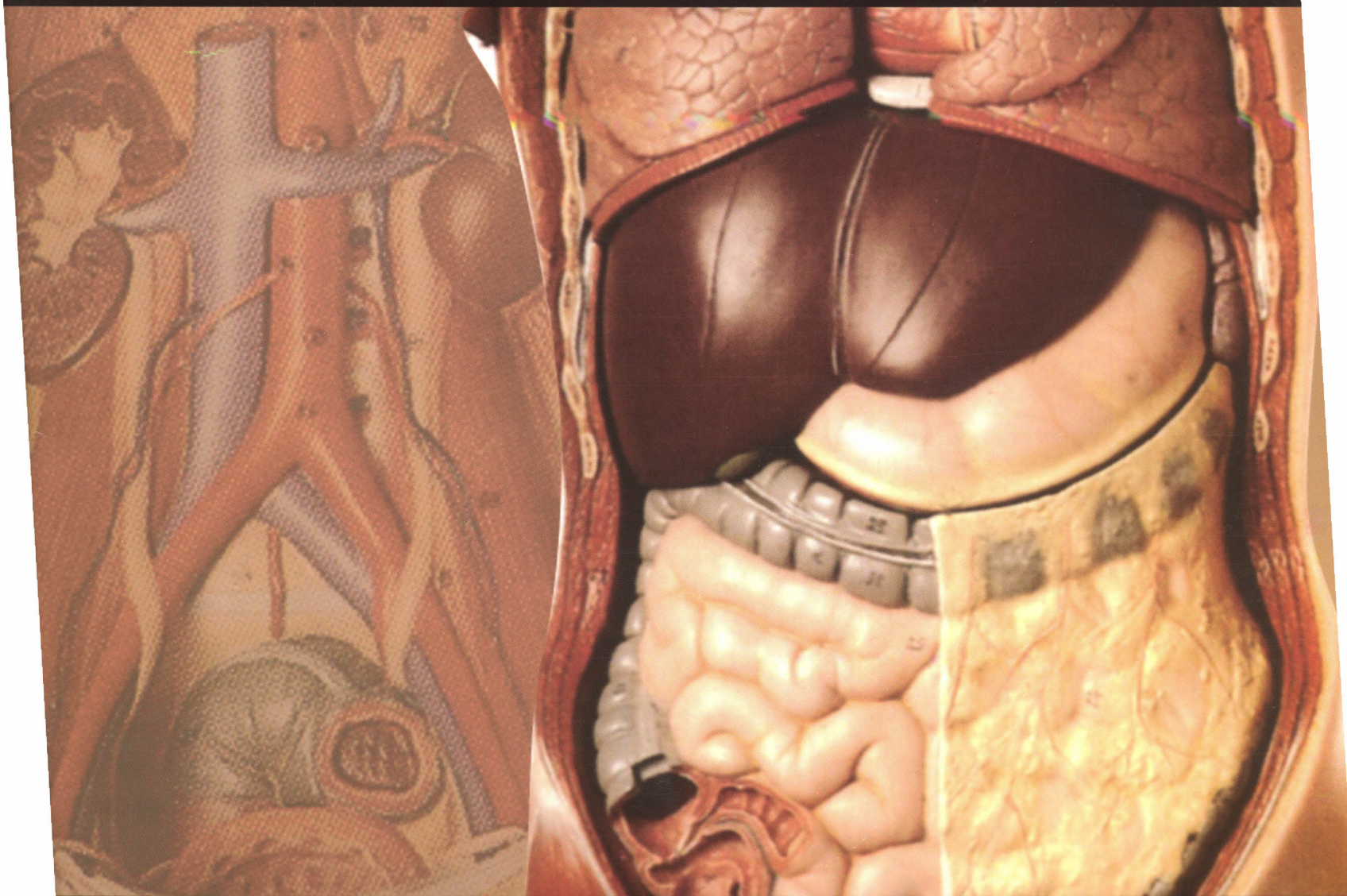


El-Fiky's

MINI ATLAS OF
ANATOMY

PART II

ABDOMEN, PELVIS & PERINEUM



DR. MOHAMED EL-FIKY

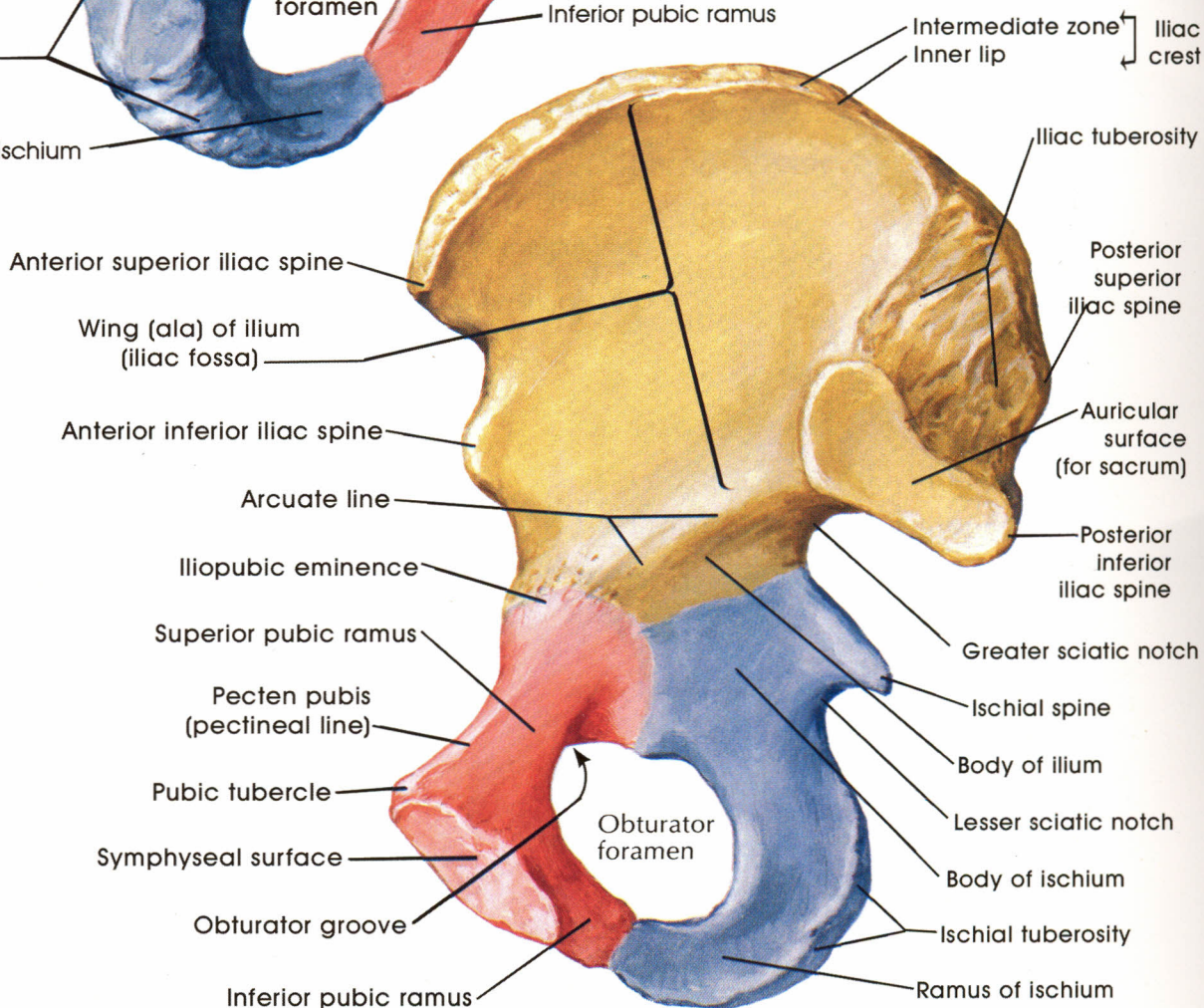
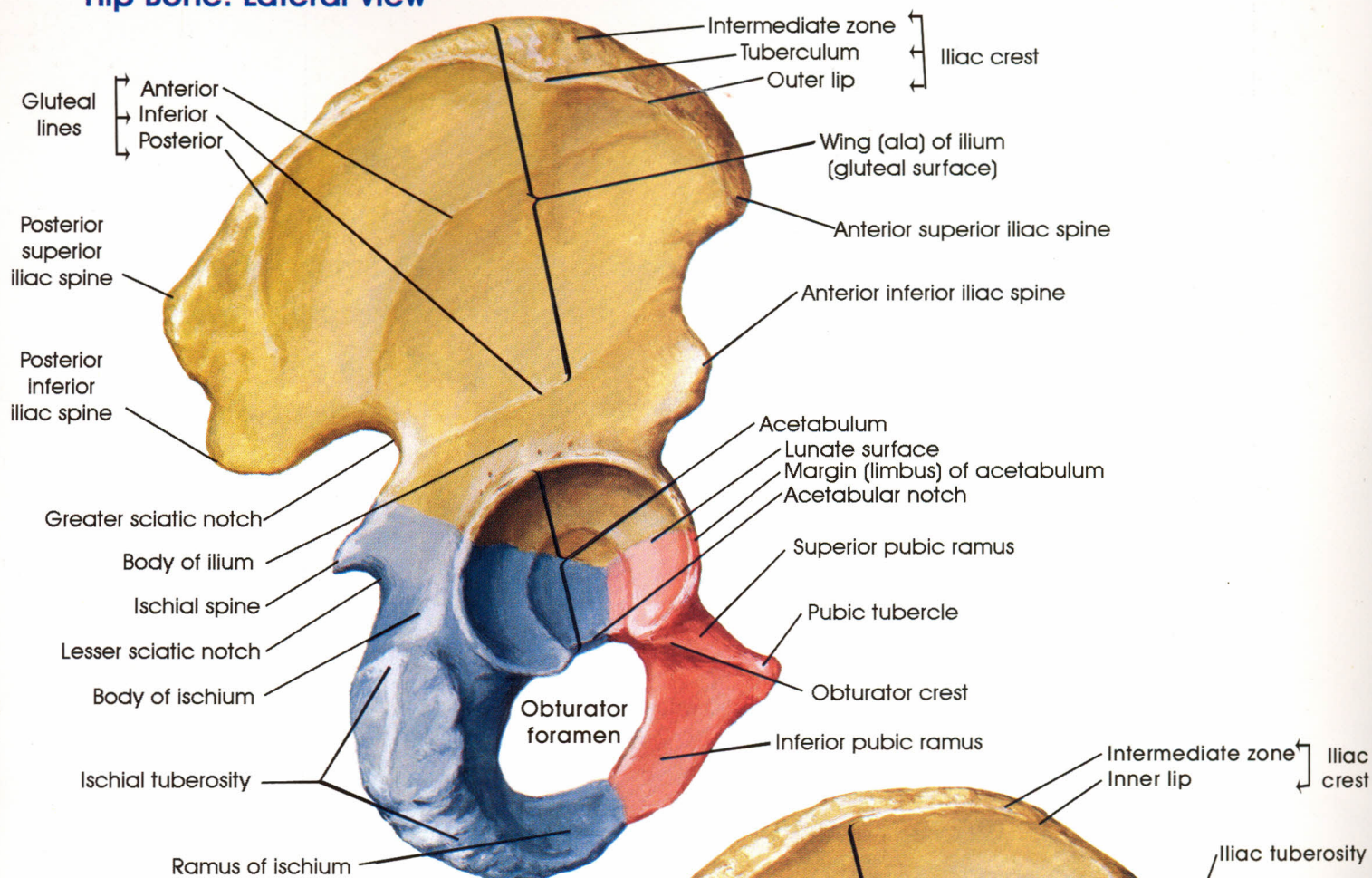
Professor of Anatomy & Embryology

Faculty of Medicine, Assiut University, Assiut, Egypt

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Hip Bone: Lateral view

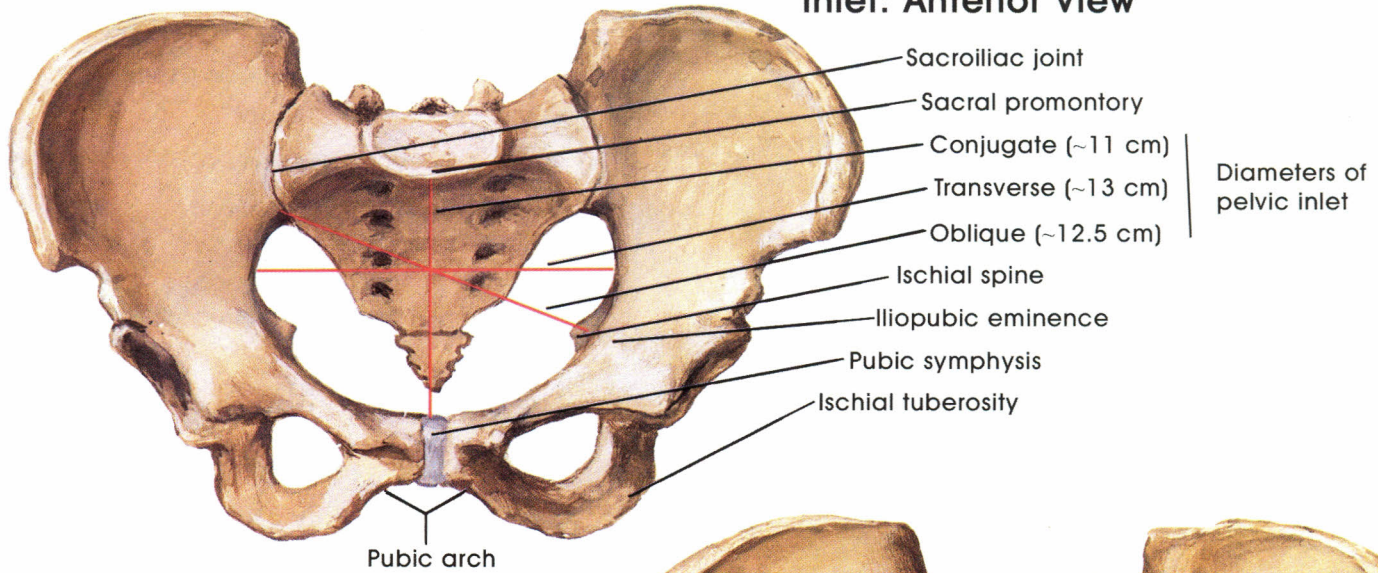


Hip Bone: Medial view

Hip (Coxal) Bone

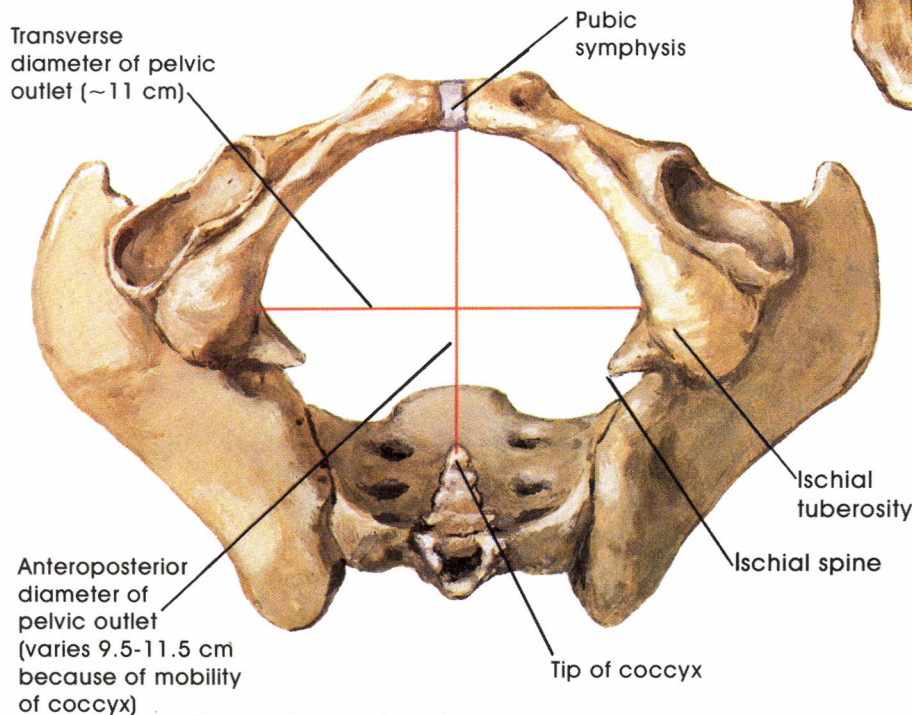
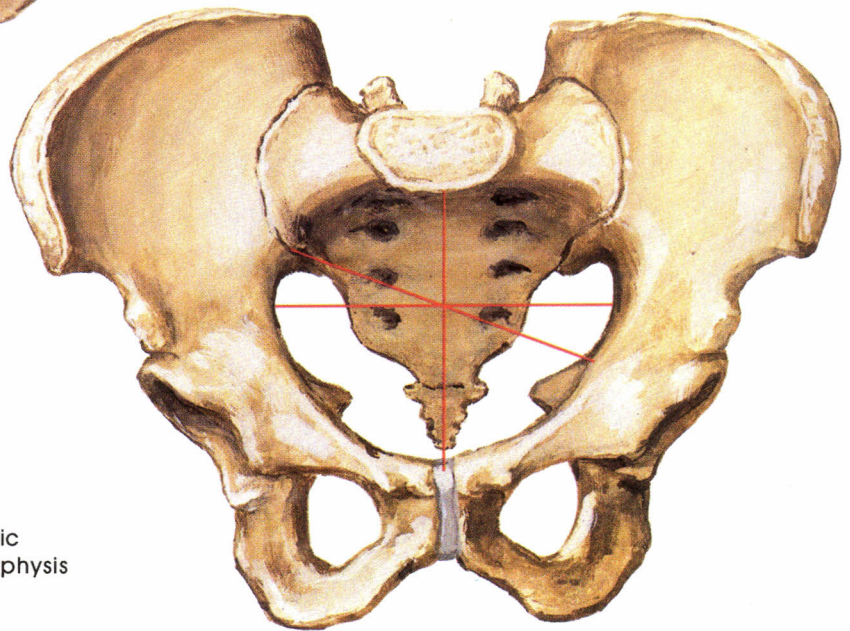


Female Pelvis/Female Pelvic Inlet: Anterior View

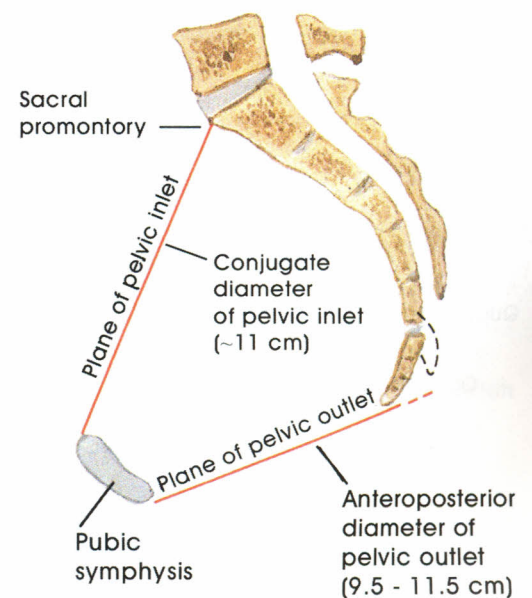


Male Pelvis/Male Pelvic Inlet: Anterior View

All measurements slightly shorter in relation to body size than in female pelvic inlet oriented more antero-posteriorly than in female, where it tends to be transversely oval
 pubic symphysis deeper (taller)
 pubic arch (subpubic angle) narrow
 ischial tuberosities less far apart
 iliac wings less flared

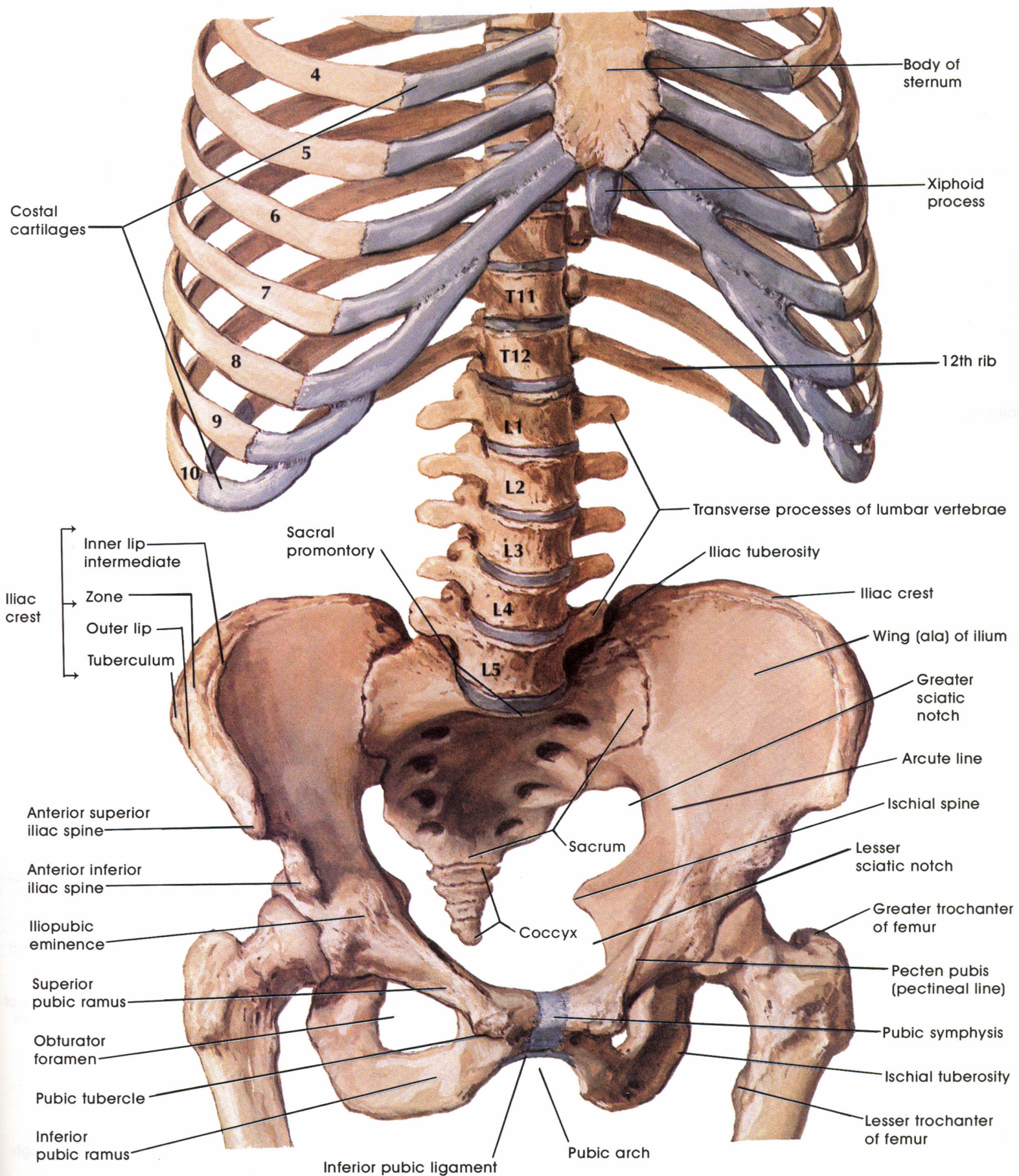


Female pelvis/female pelvic outlet: Inferior View

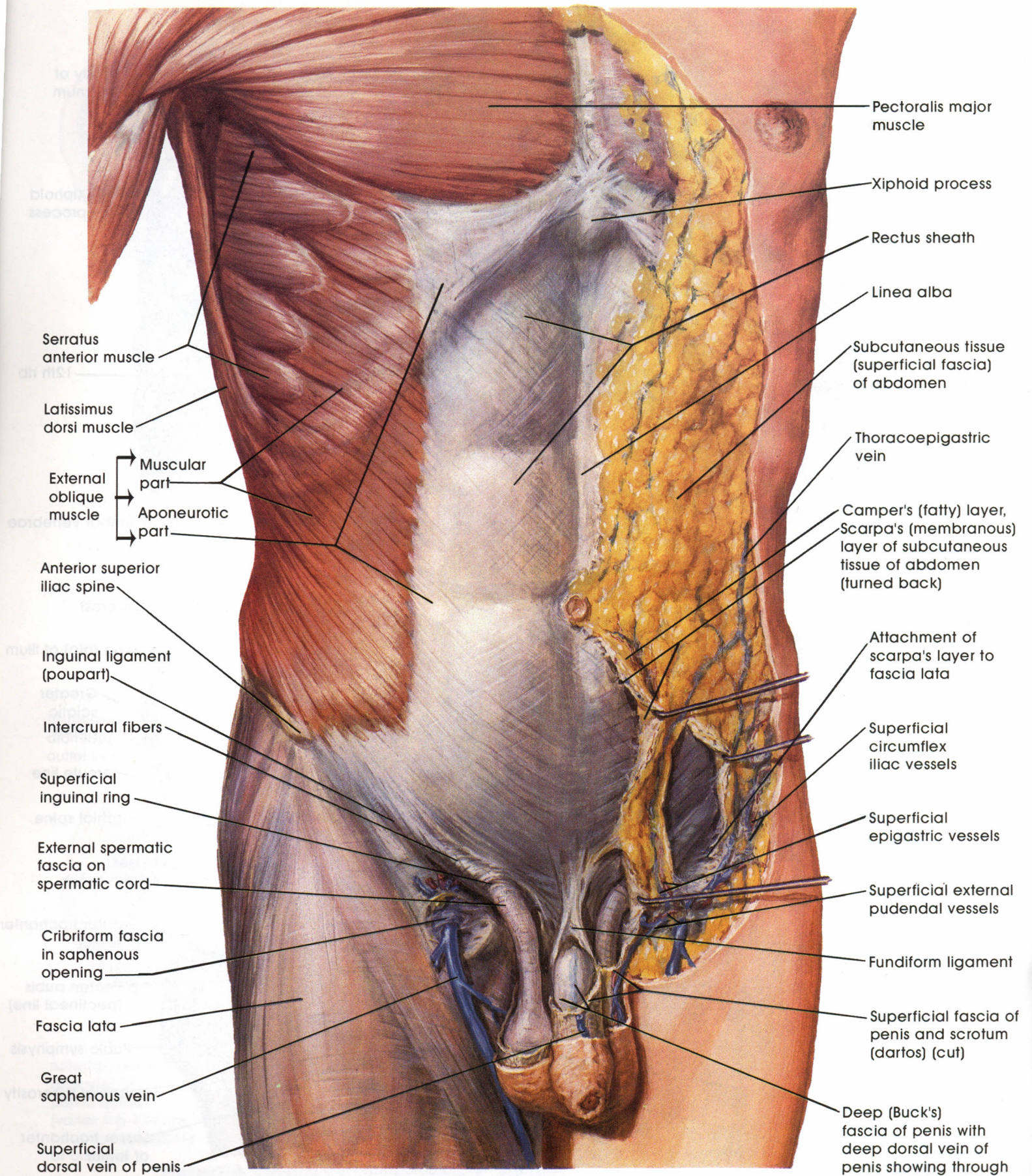


Female: Sagittal Section

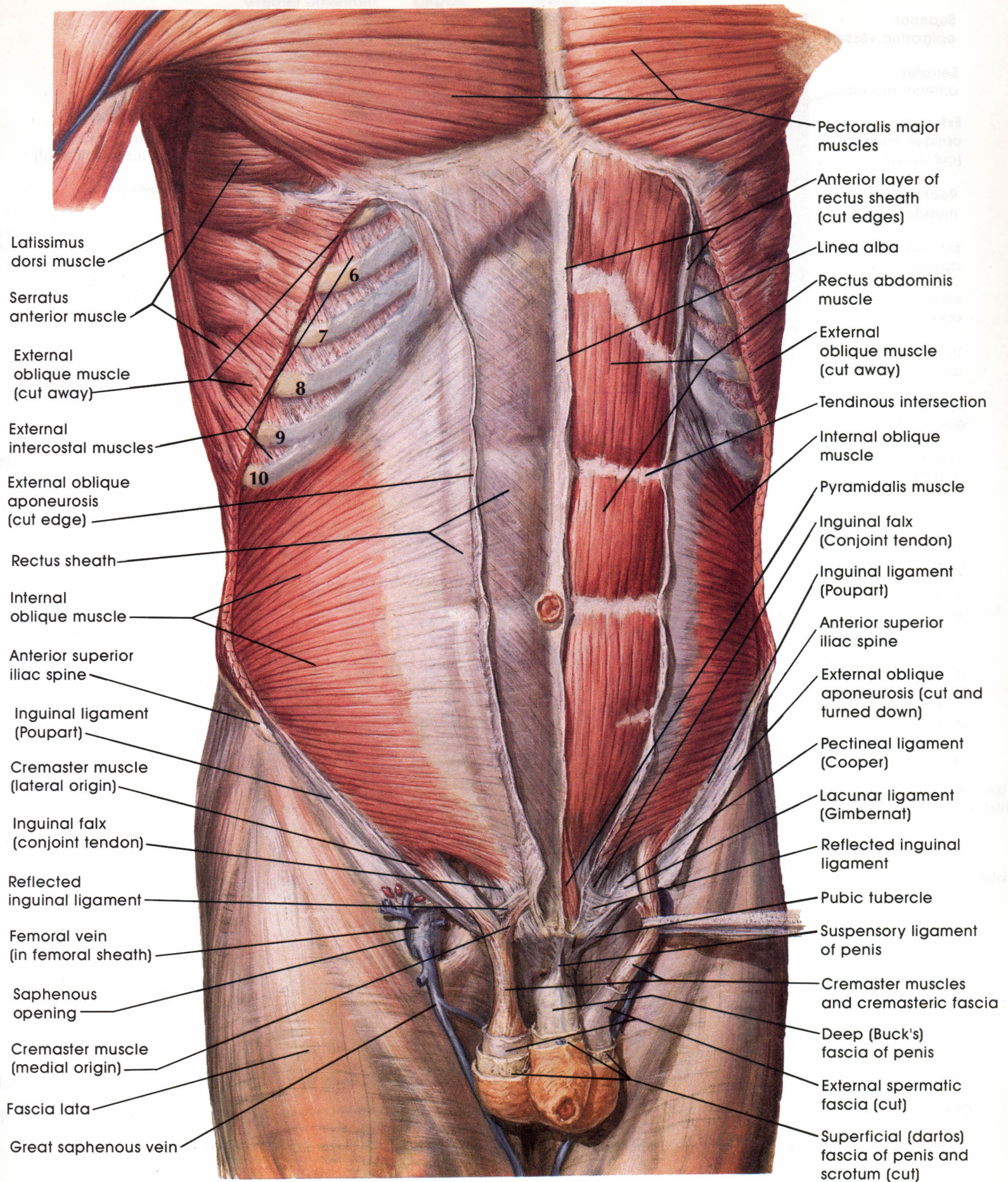
Sex Differences of Pelvis: Measurements



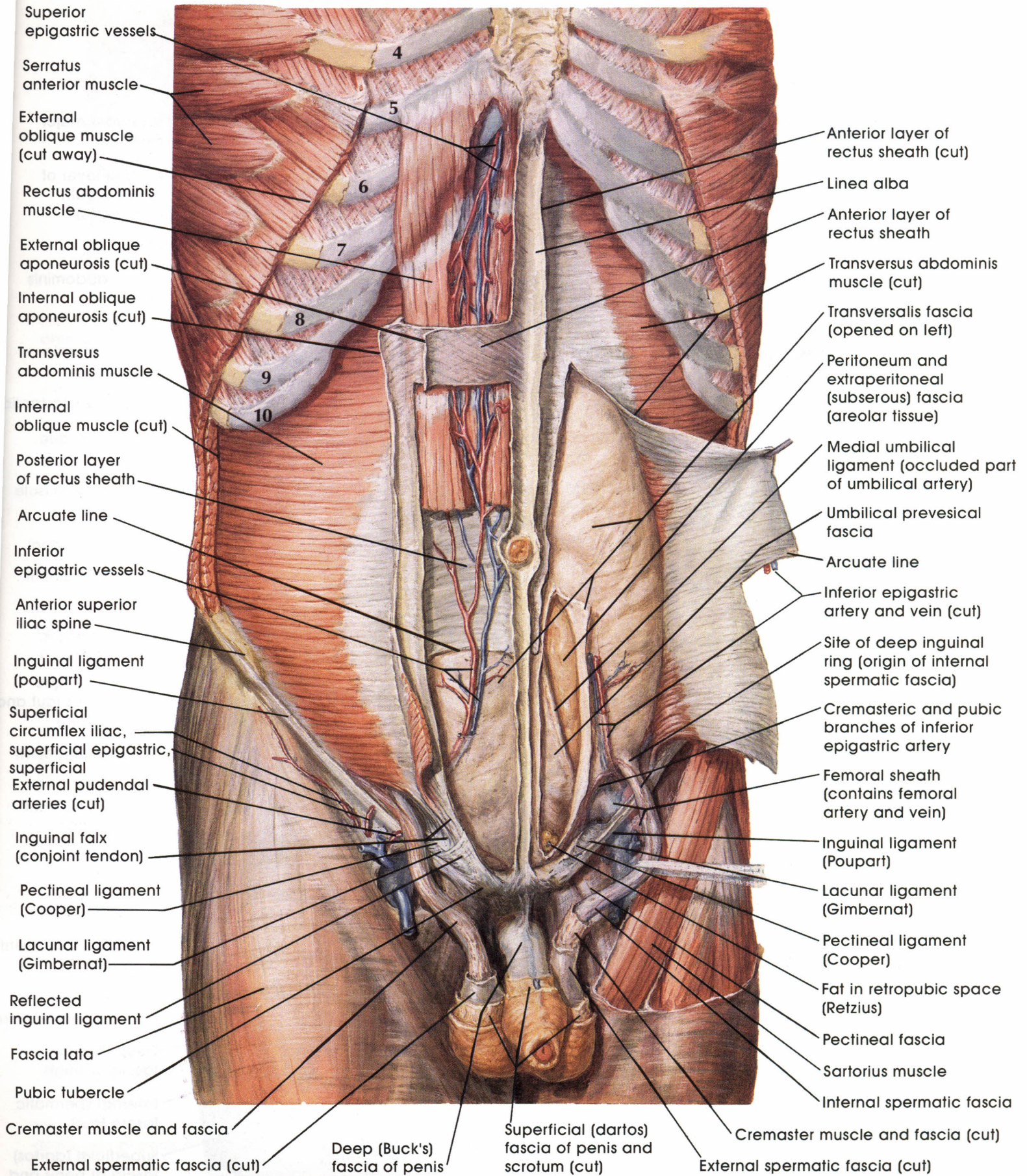
Bony Framework of Abdomen and Pelvis



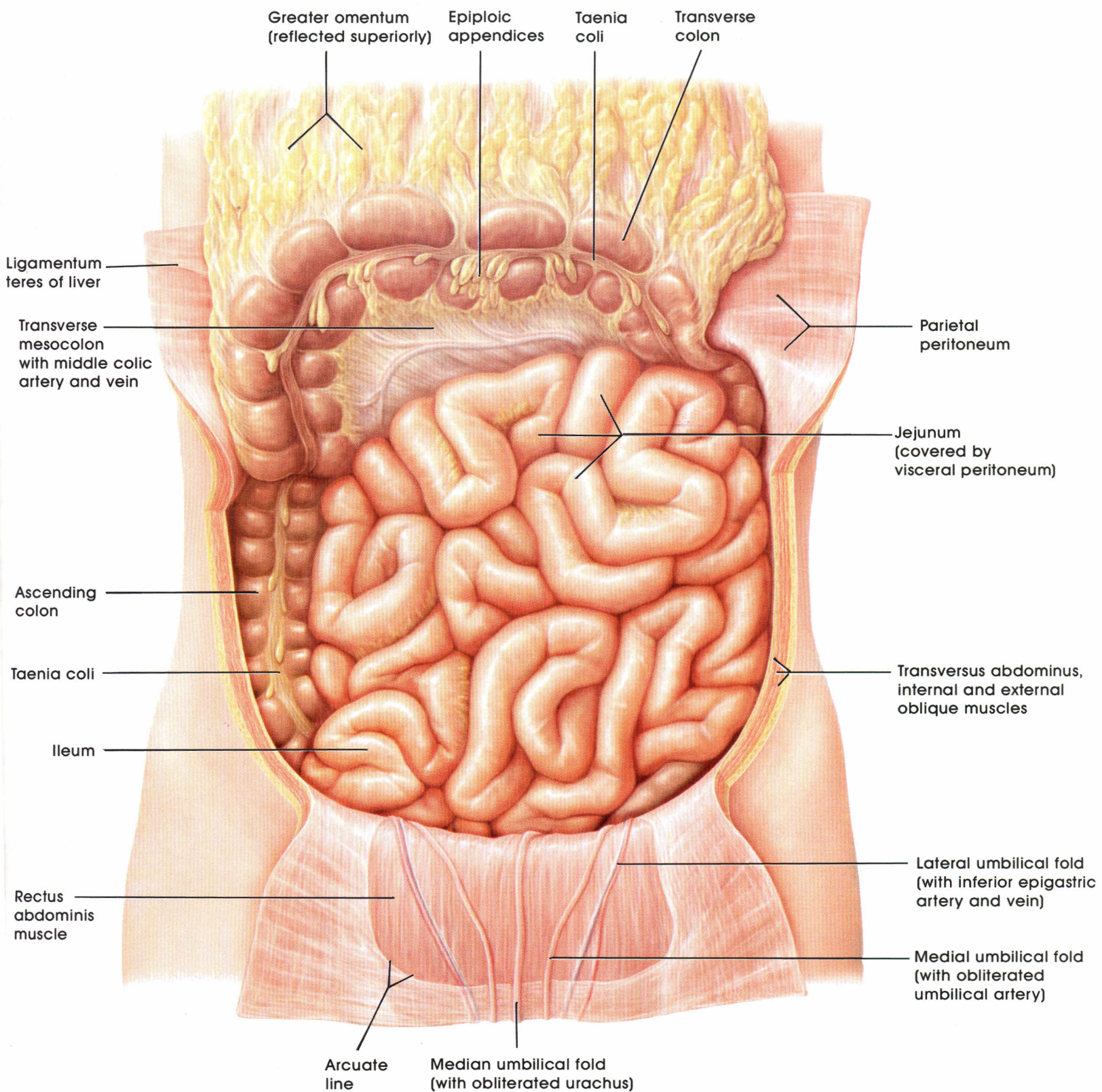
Anterior Abdominal Wall: Superficial Dissection



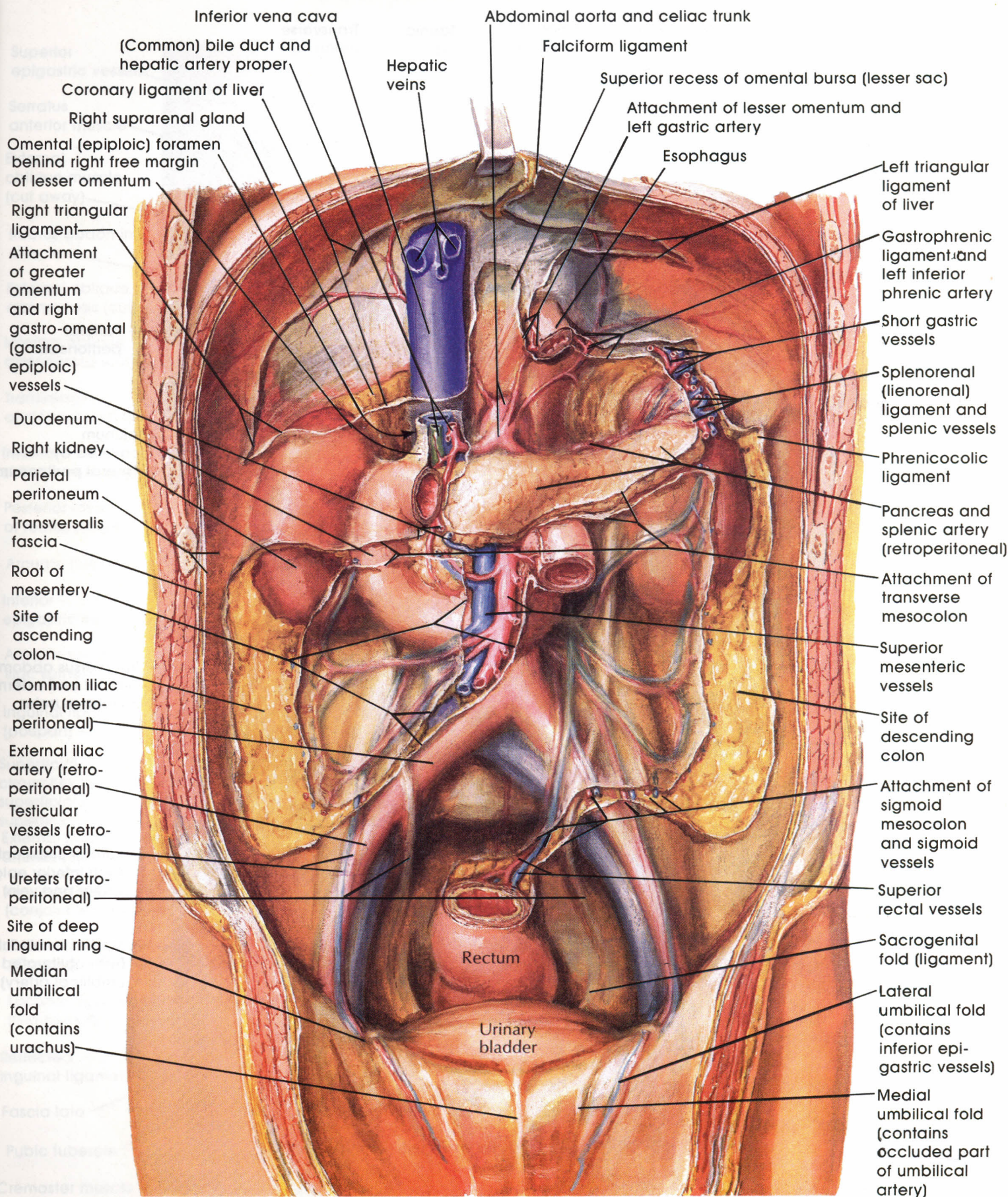
Anterior Abdominal Wall: Intermediate Dissection



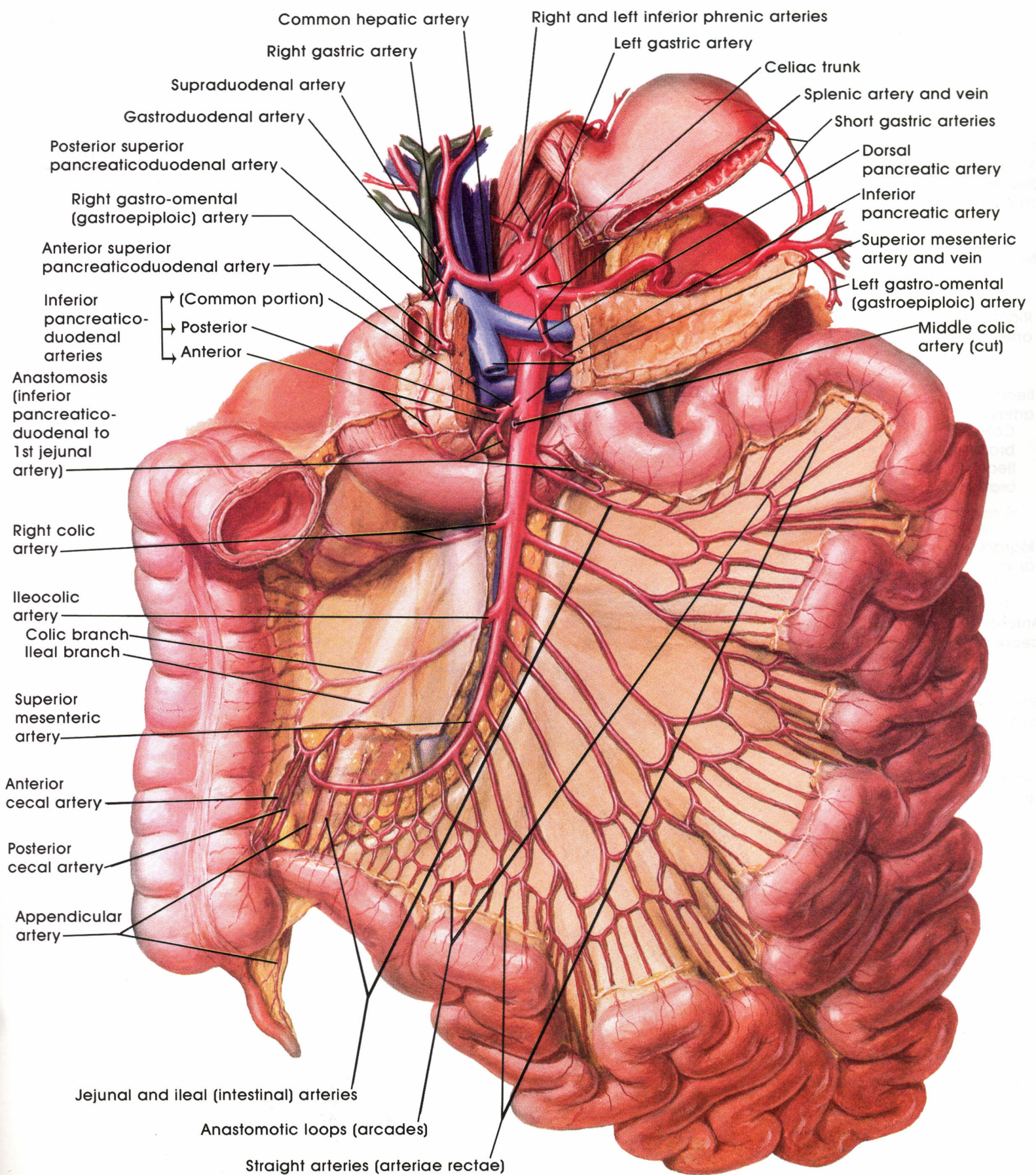
Anterior Abdominal Wall: Deep Dissection



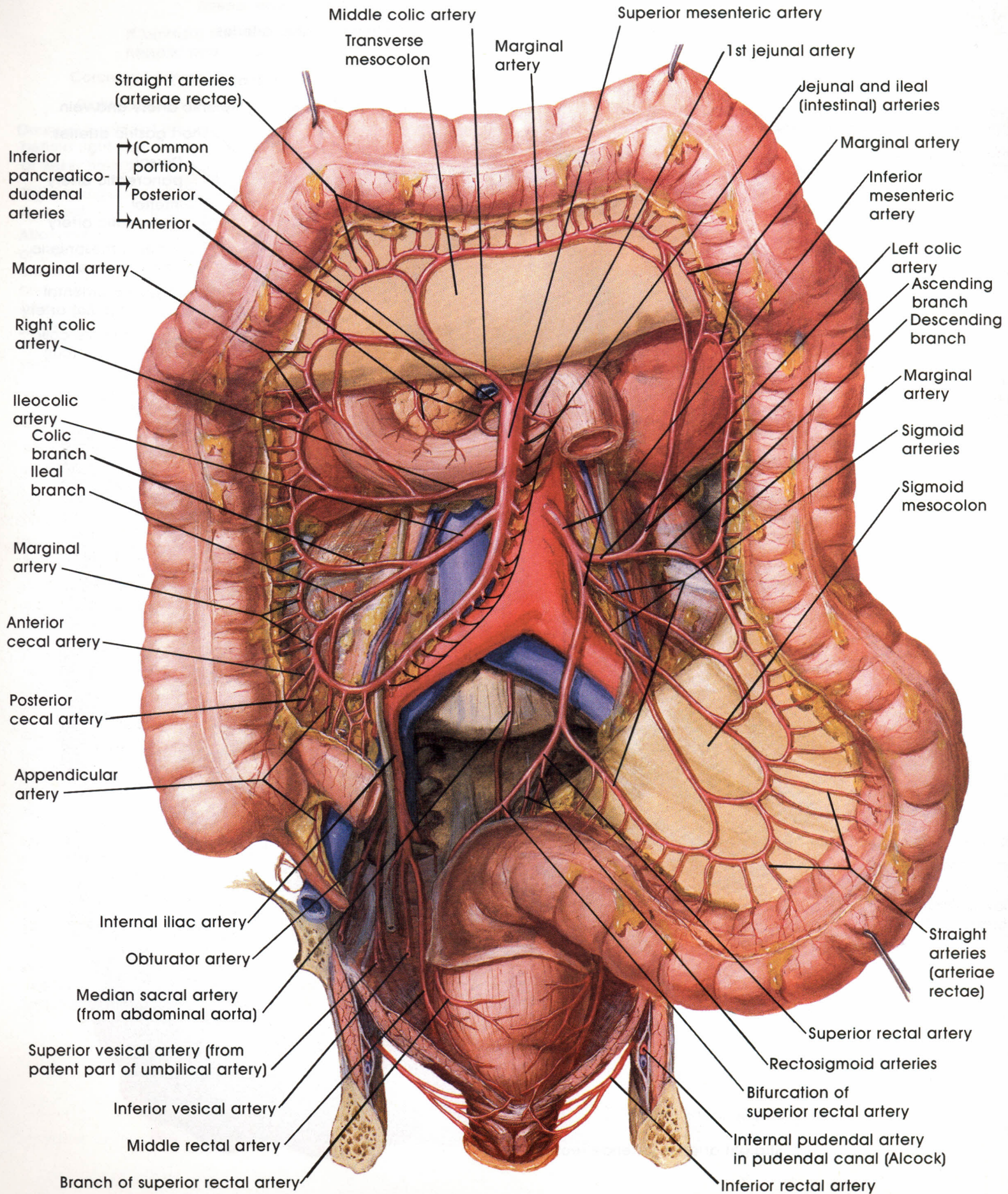
Abdominal Cavity



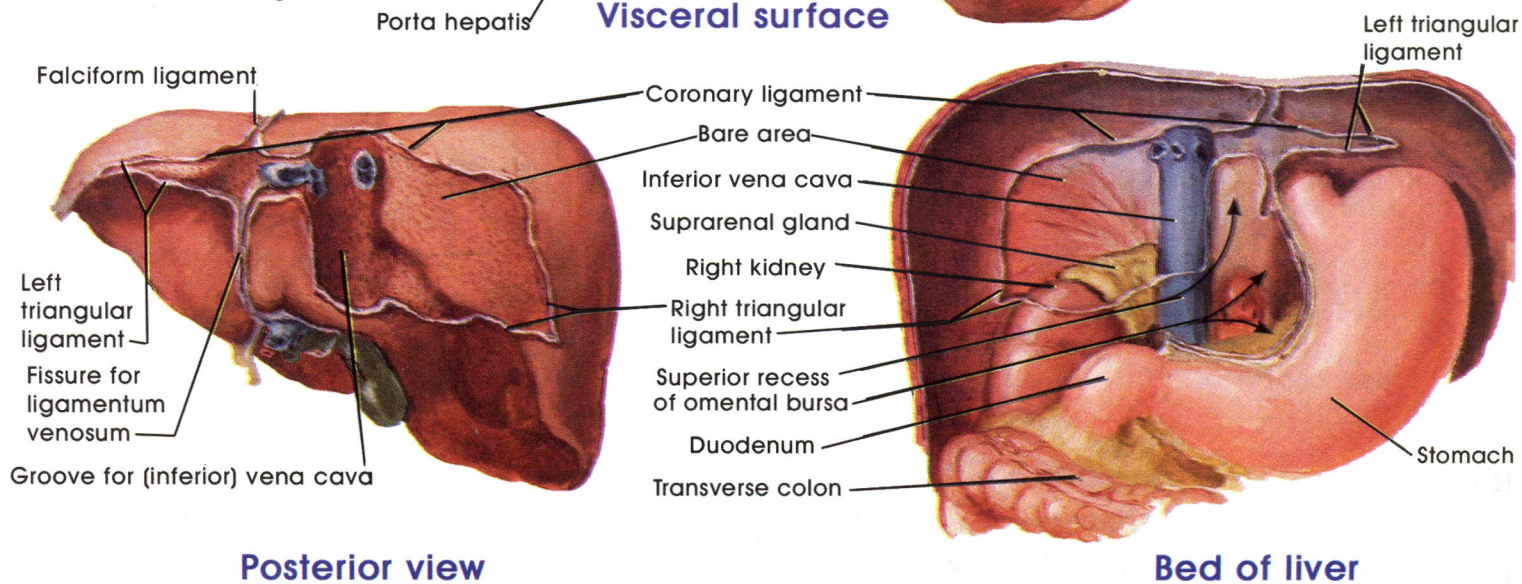
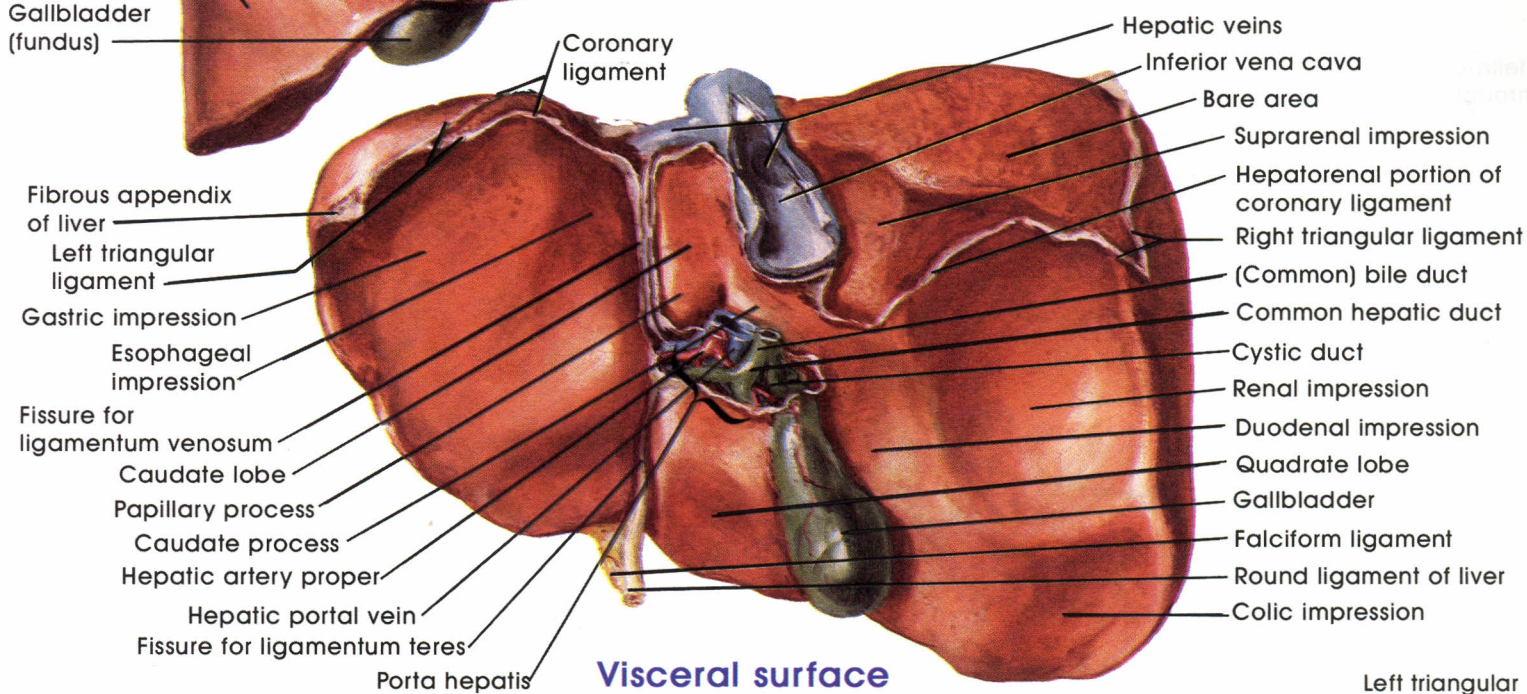
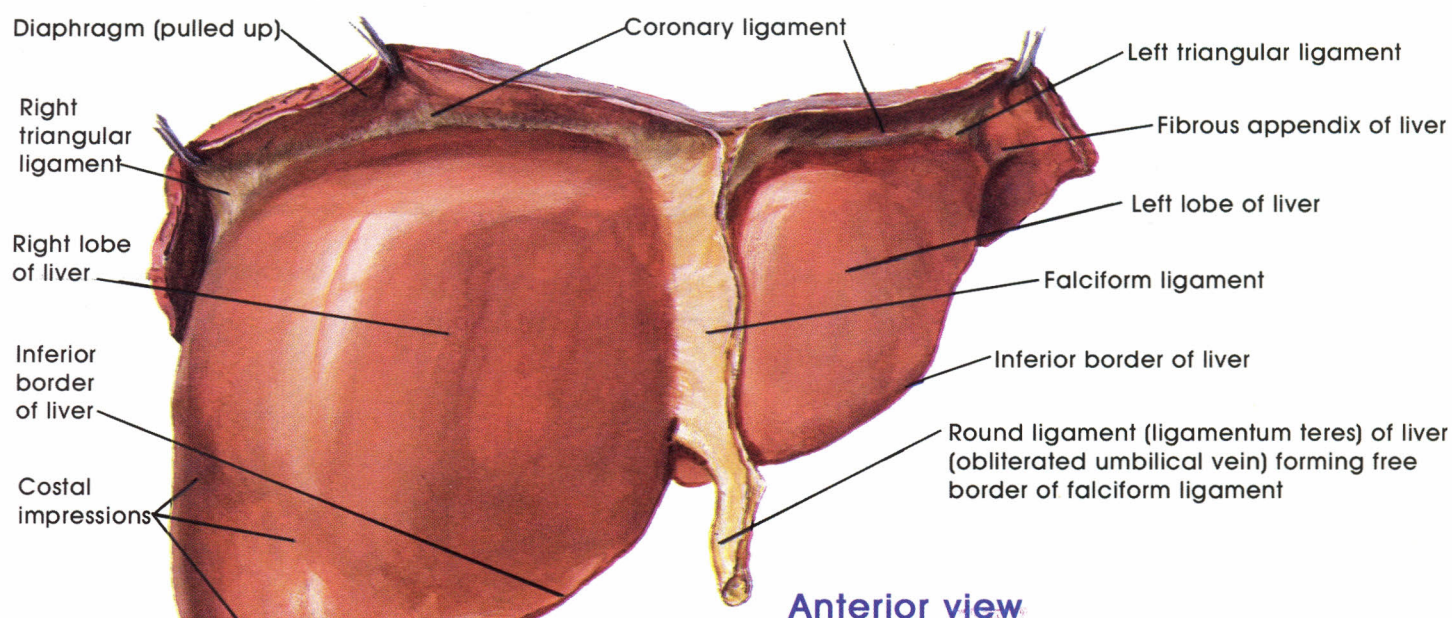
Peritoneum of posterior Abdominal Wall



Arteries of Small Intestine



Arteries of Large Intestine



Surfaces and Bed of liver

Superior pole

Lateral border

Fibrous capsule
(cut and peeled back)

- Medial border

Hilum

- Renal artery

- Renal vein

- Renal pelvis

- Medial border

- Ureter

Stellate veins visible through capsule —

Inferior pole

Suprarenal gland
and lobulated
kidney of infant

Cortex-

Medulla (pyramids)

Renal papilla.

Renal column
(Bertin) —————

Base of pyramid

- Fibrous capsule

- Minor calices

—Blood vessels entering renal parenchyma

- Renal sinus

- Major calices

- Renal pelvis

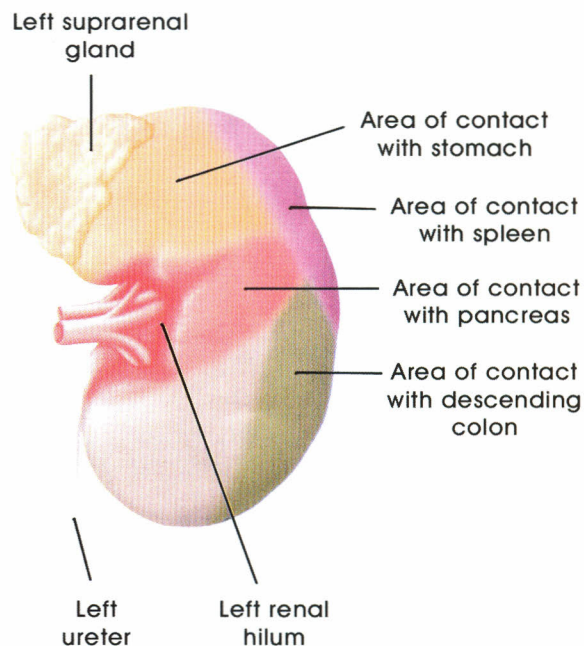
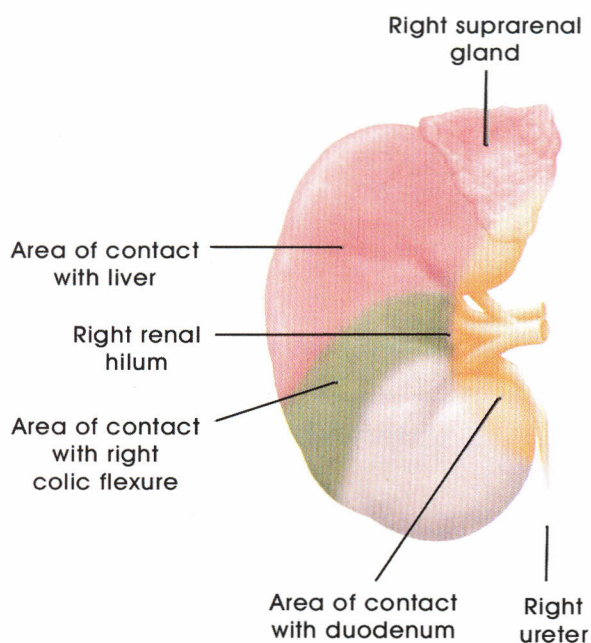
- Fat in renal sinus

- Minor calices

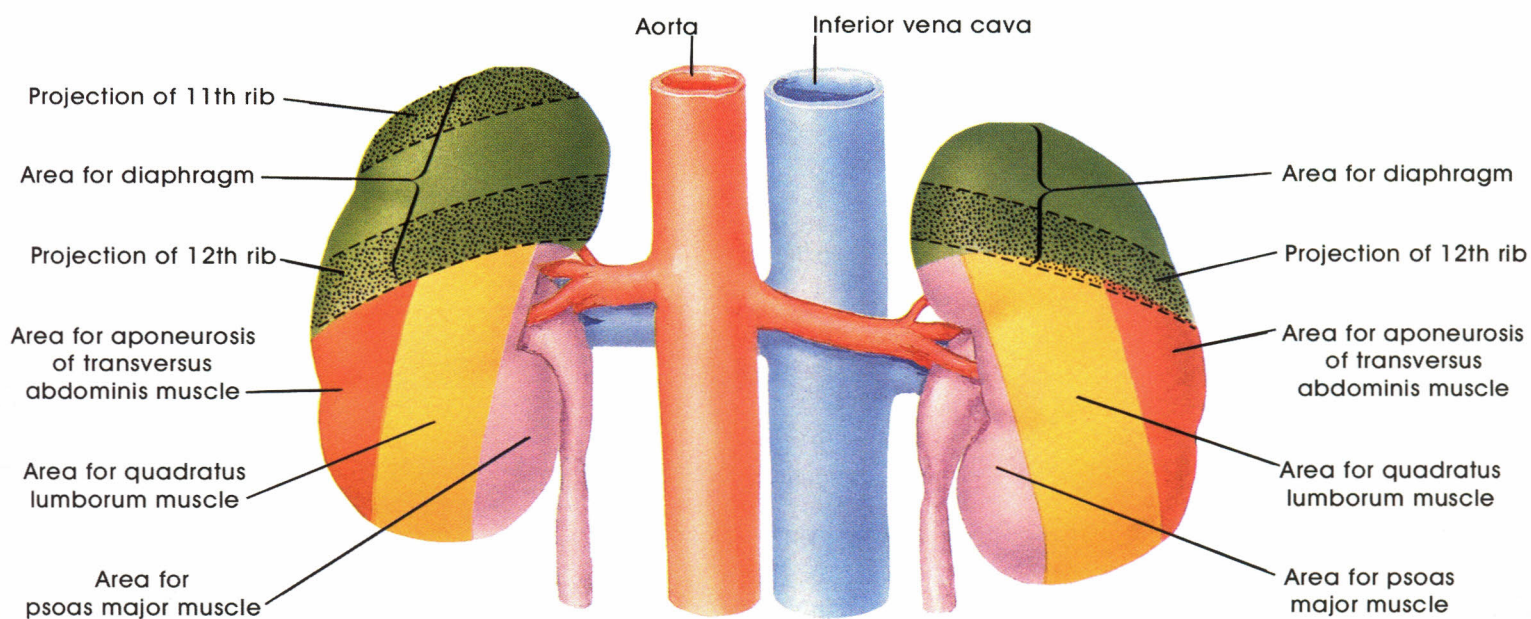
— Ureter

Right kidney sectioned in several planes, exposing parenchyma and renal pelvis

Gross Structure of Kidney

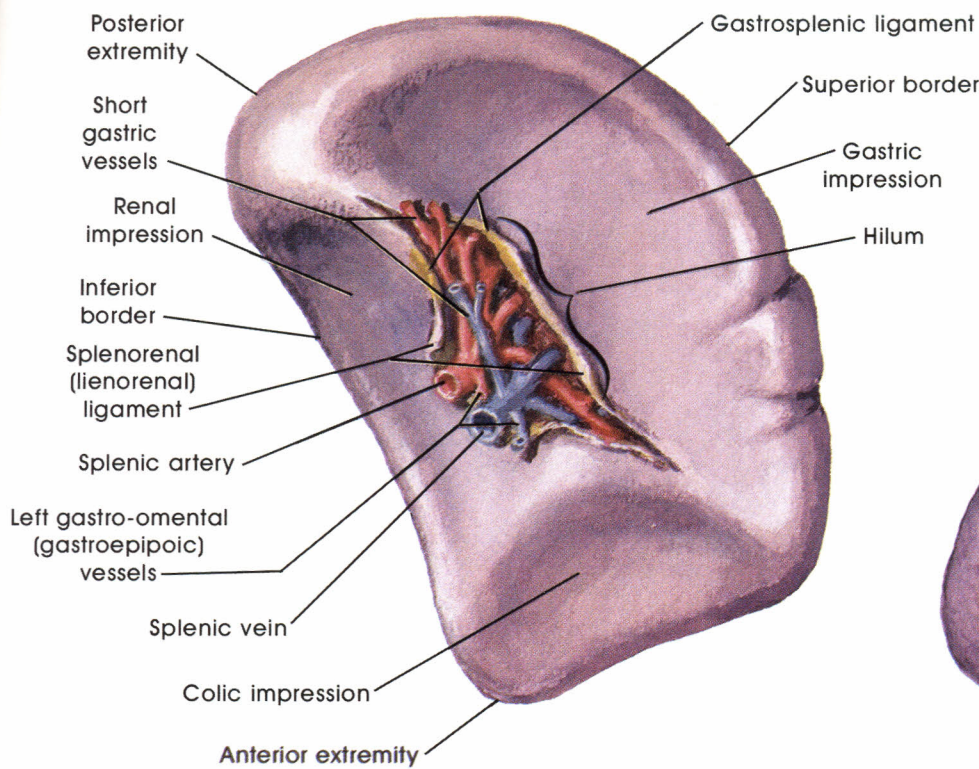


Anterior Relations of Kidneys

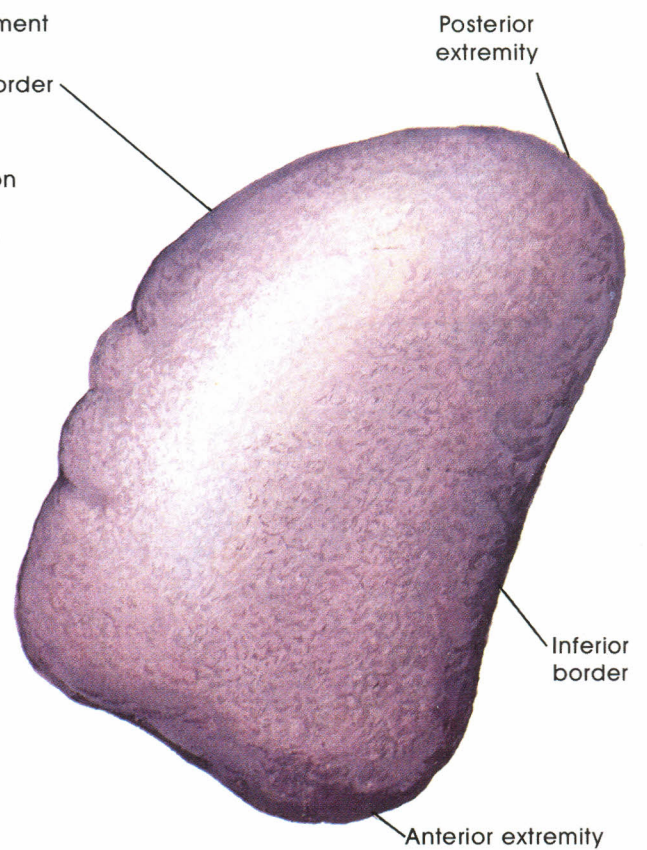


Posterior relations of kidneys

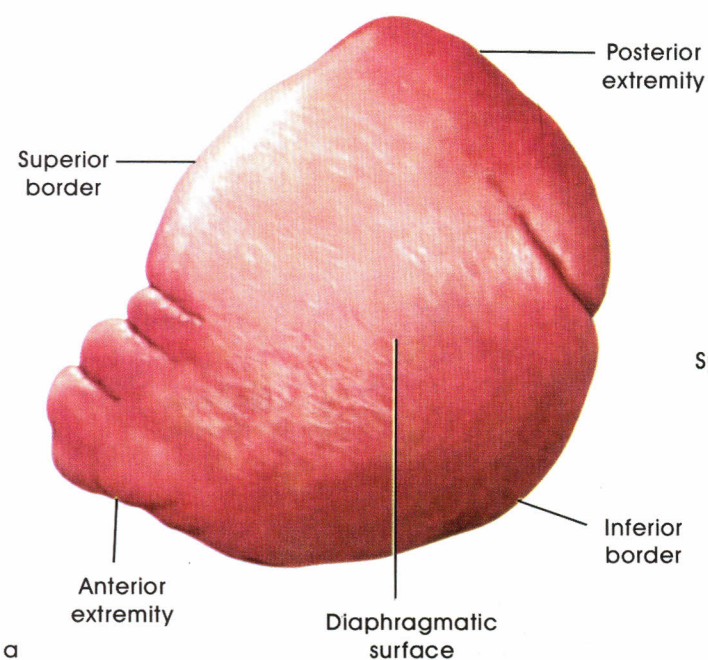
Relations of the Kidney



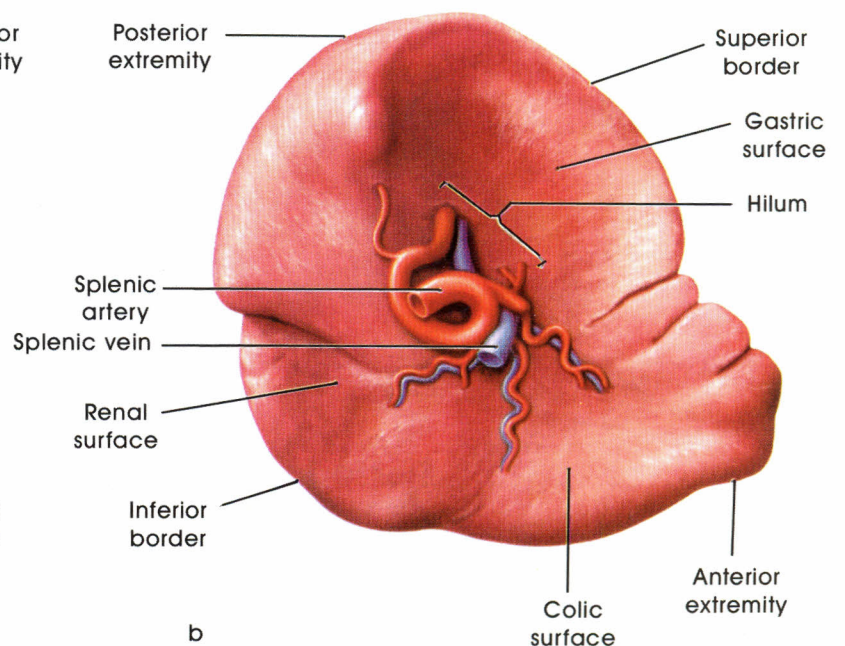
Visceral surface



Diaphragmatic surface

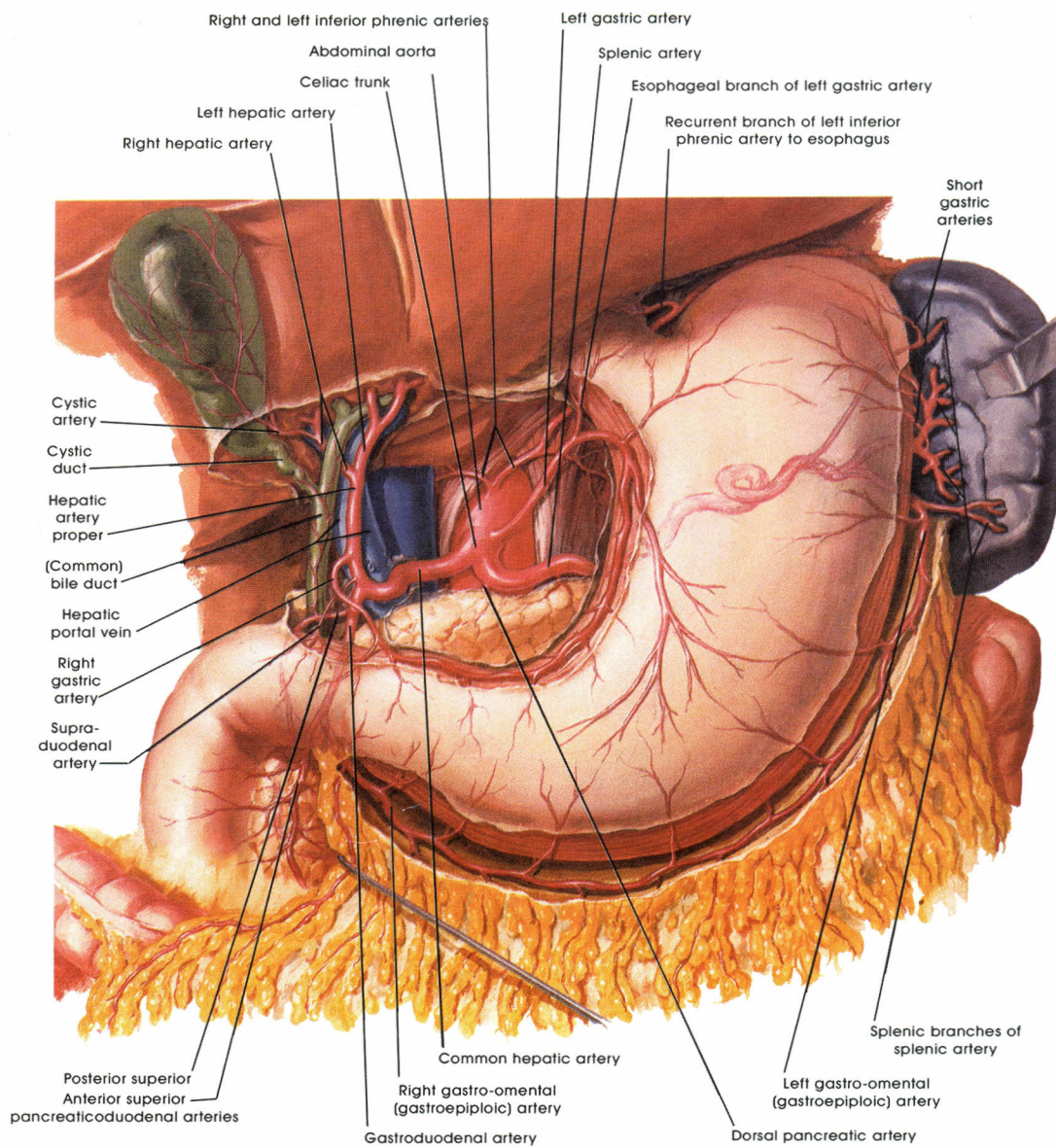


Diaphragmatic Surface

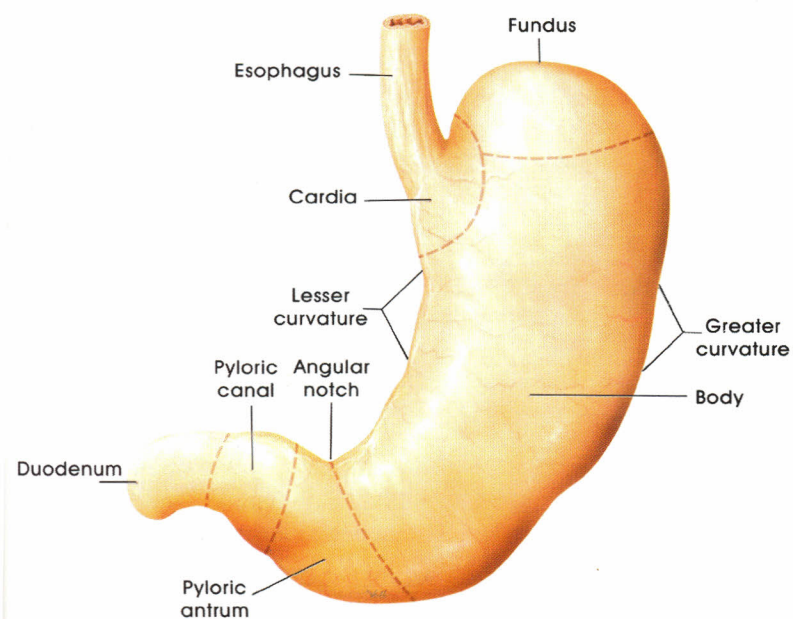


Visceral Surface

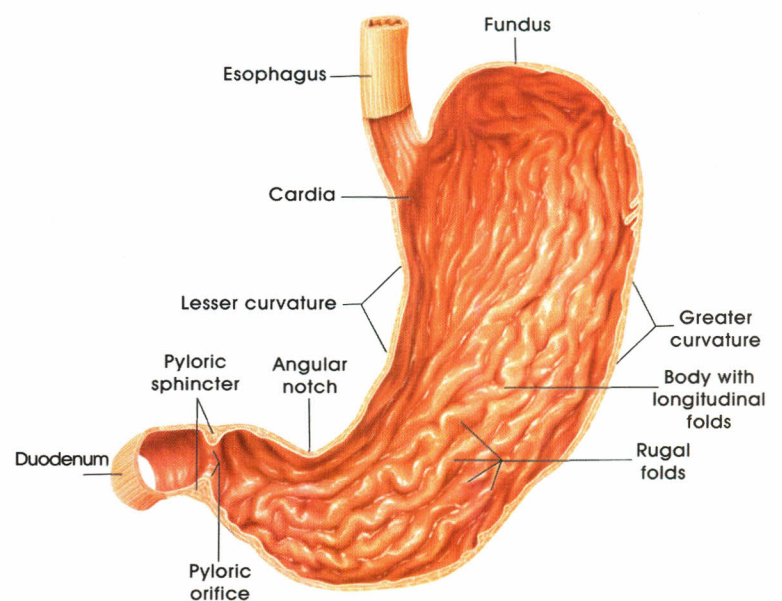
Spleen



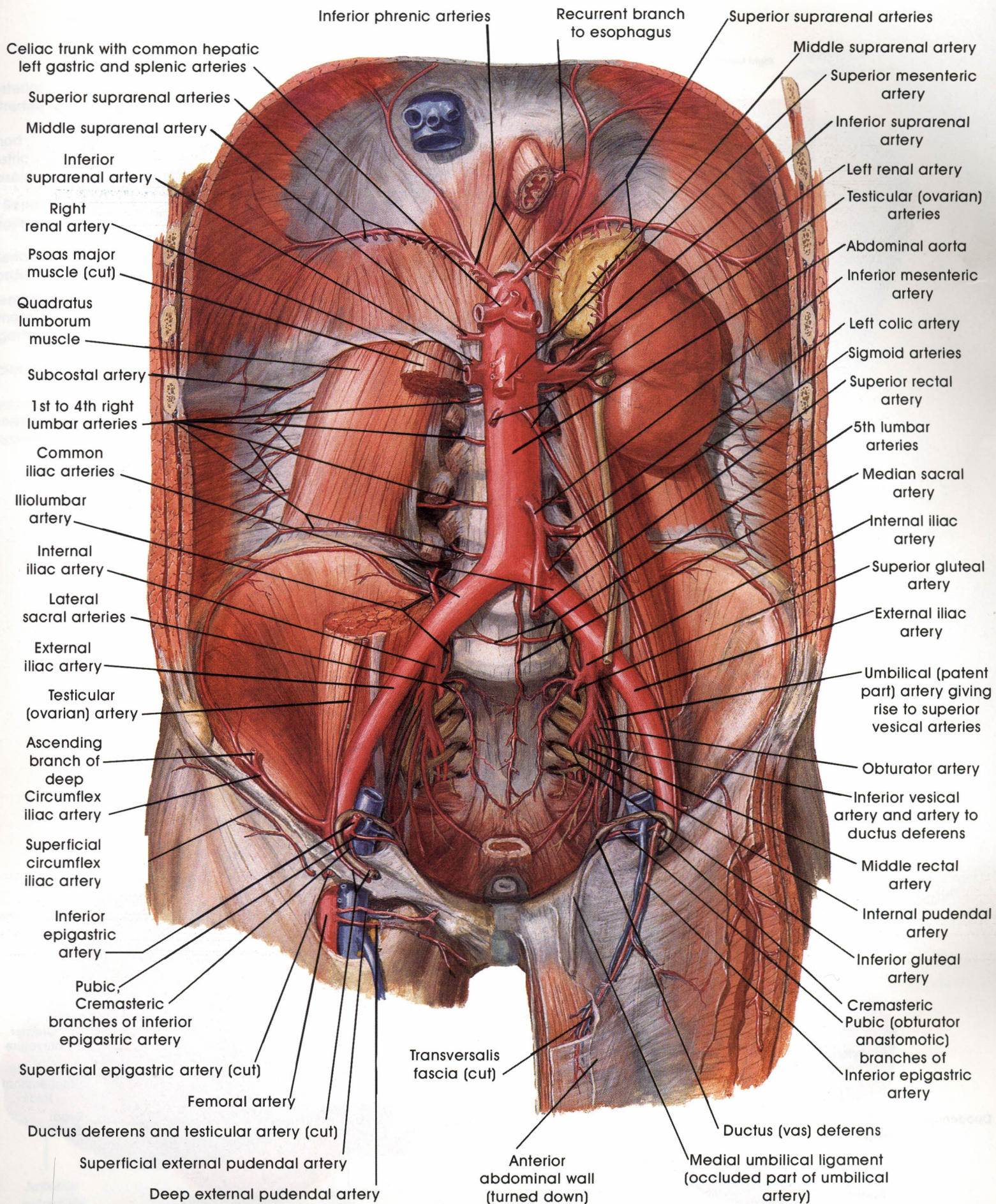
Arteries of Stomach, Liver and Spleen



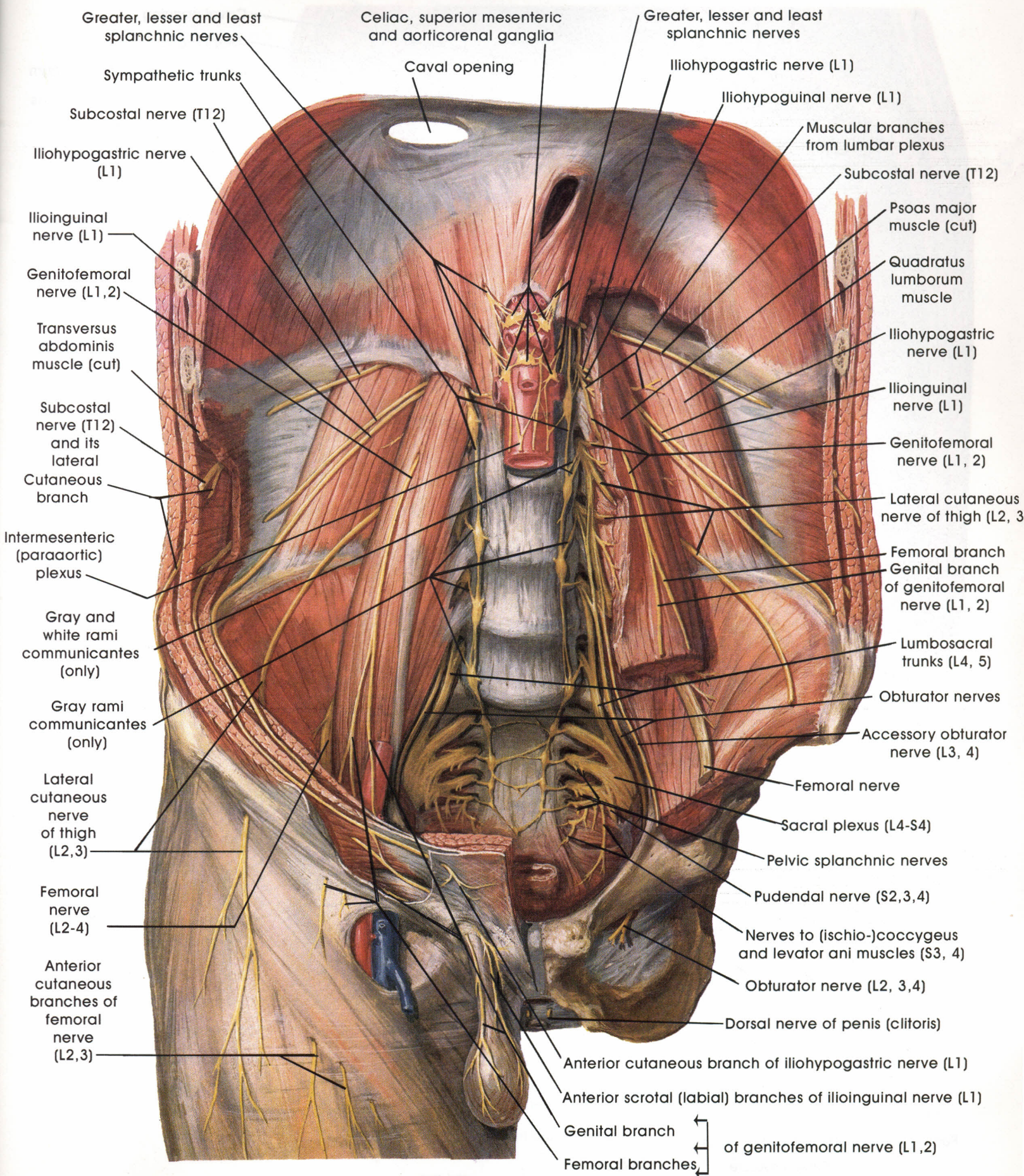
Stomach:



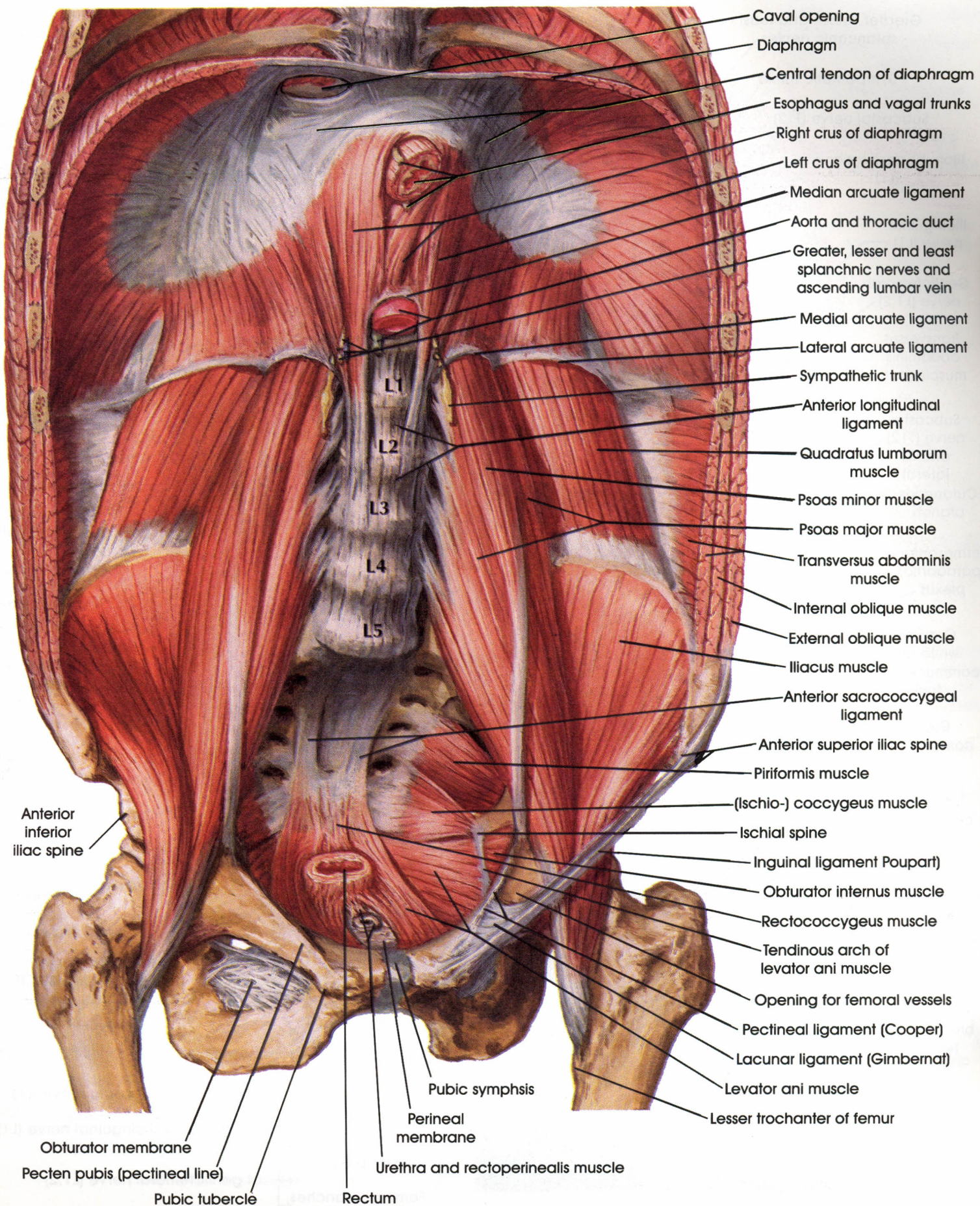
Interior of The Stomach



Arteries of Posterior Abdominal Wall



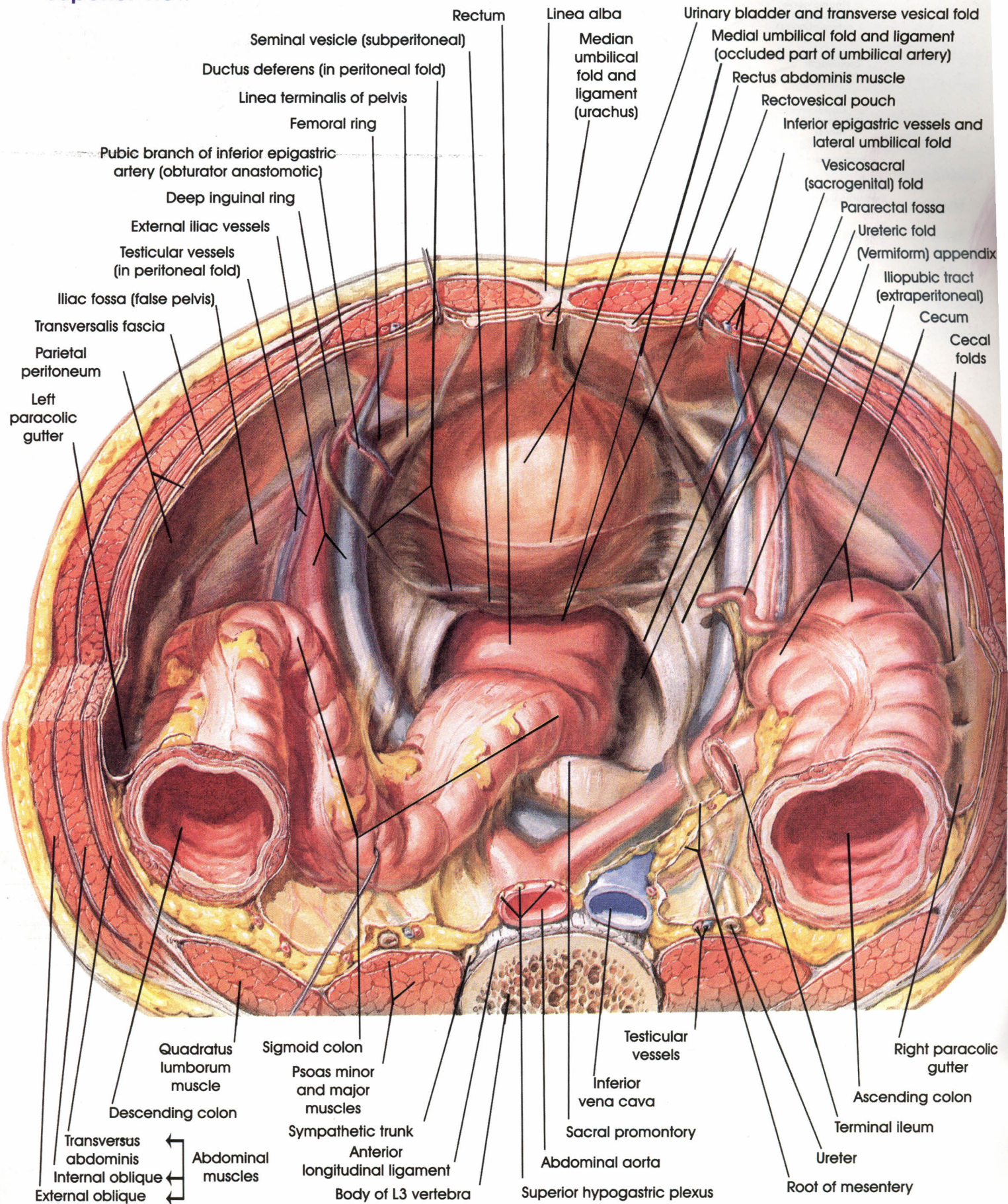
Nerves of Posterior Abdominal Wall



posterior Abdominal Wall: Internal View

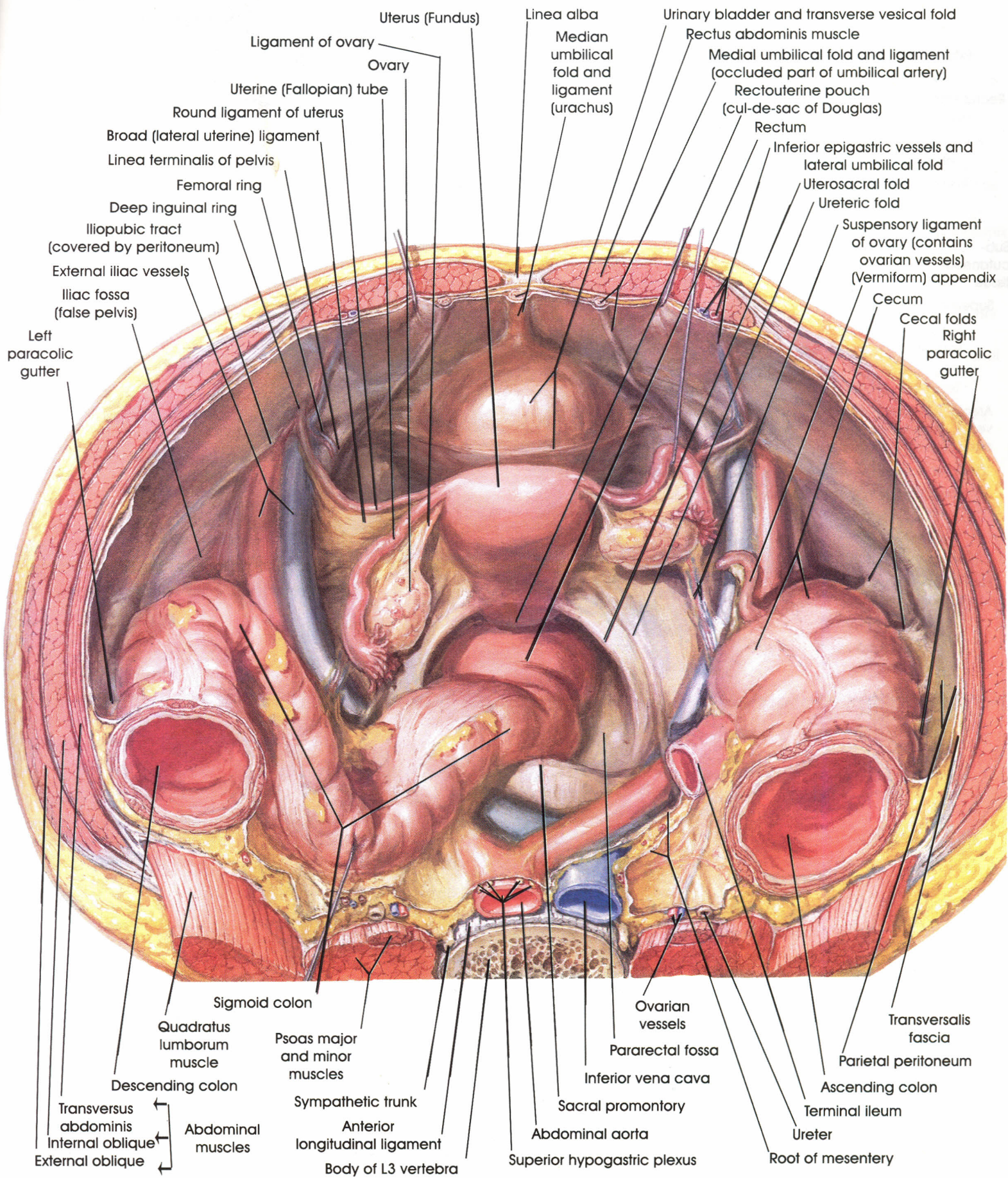


Superior view



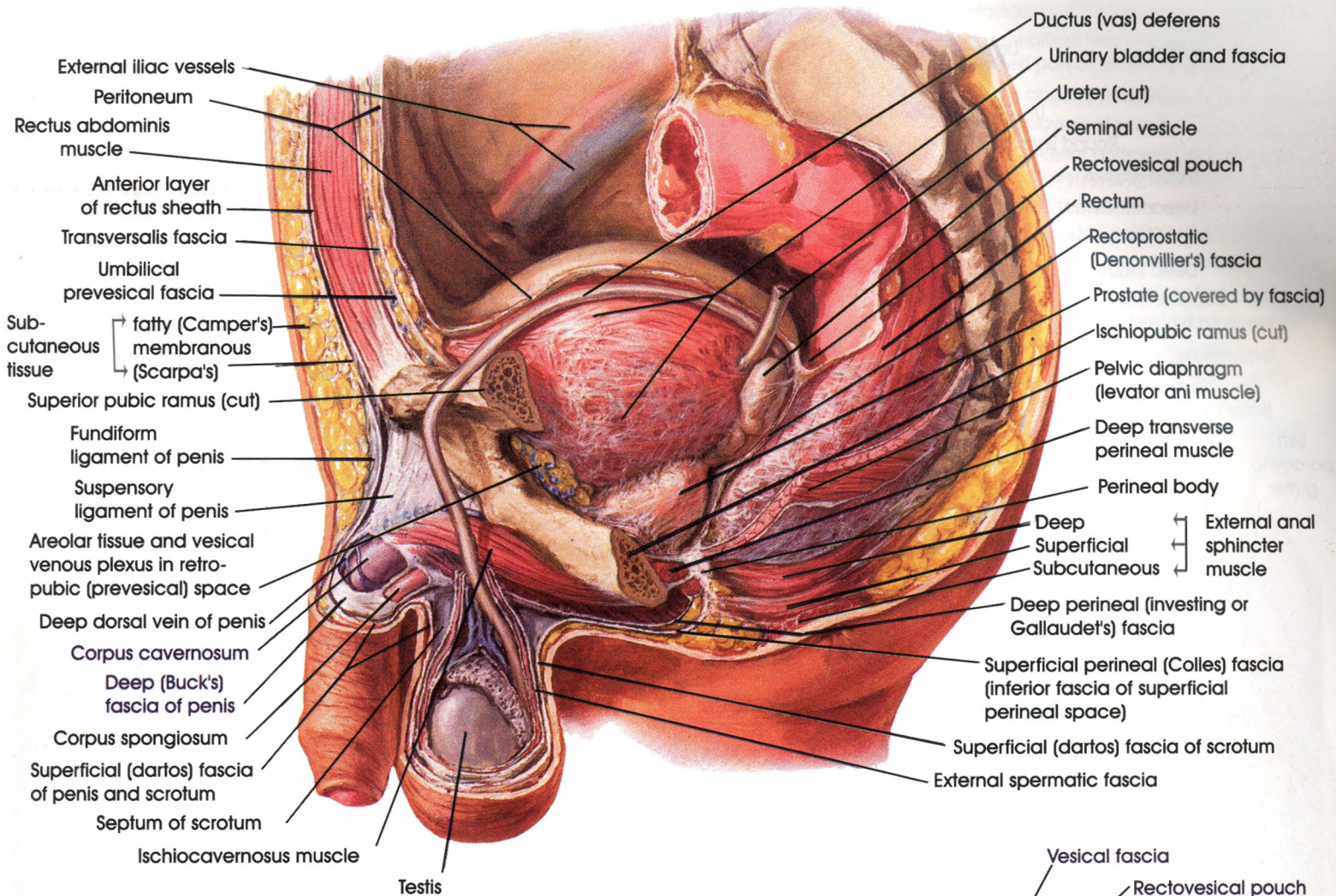
Pelvic Contents: Male

Superior view

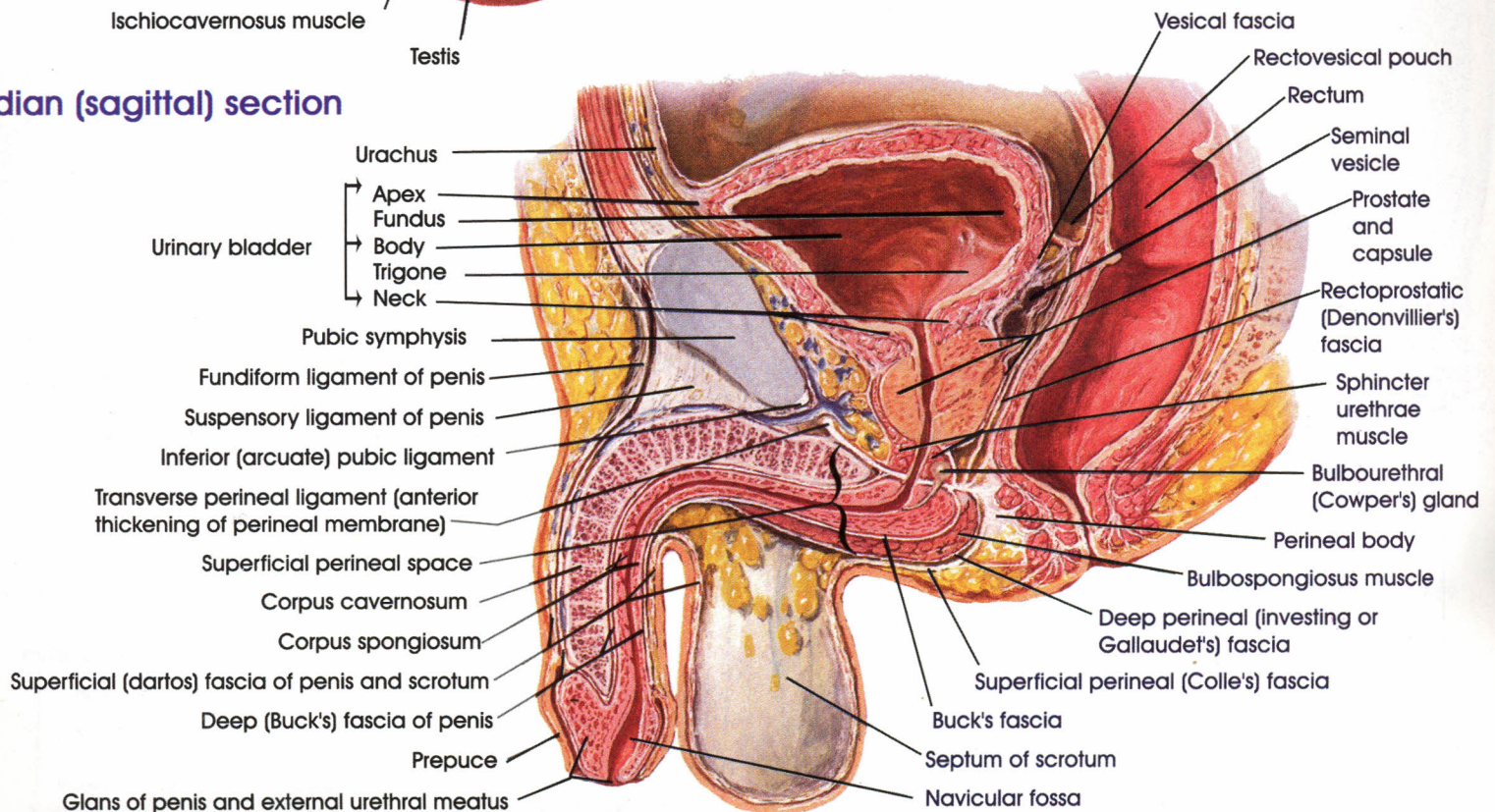


Pelvic Contents: Female

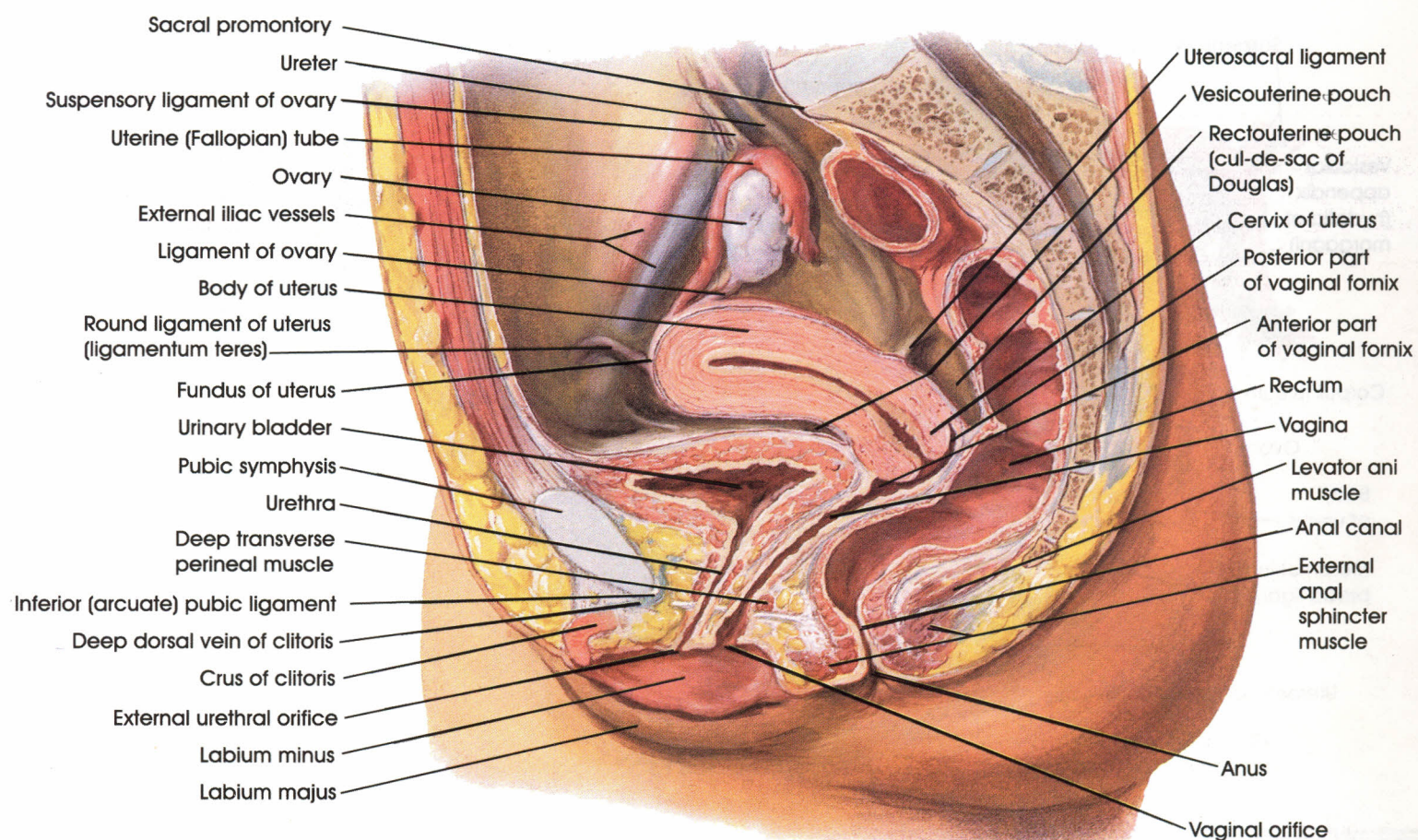
Paramedian (sagittal) dissection



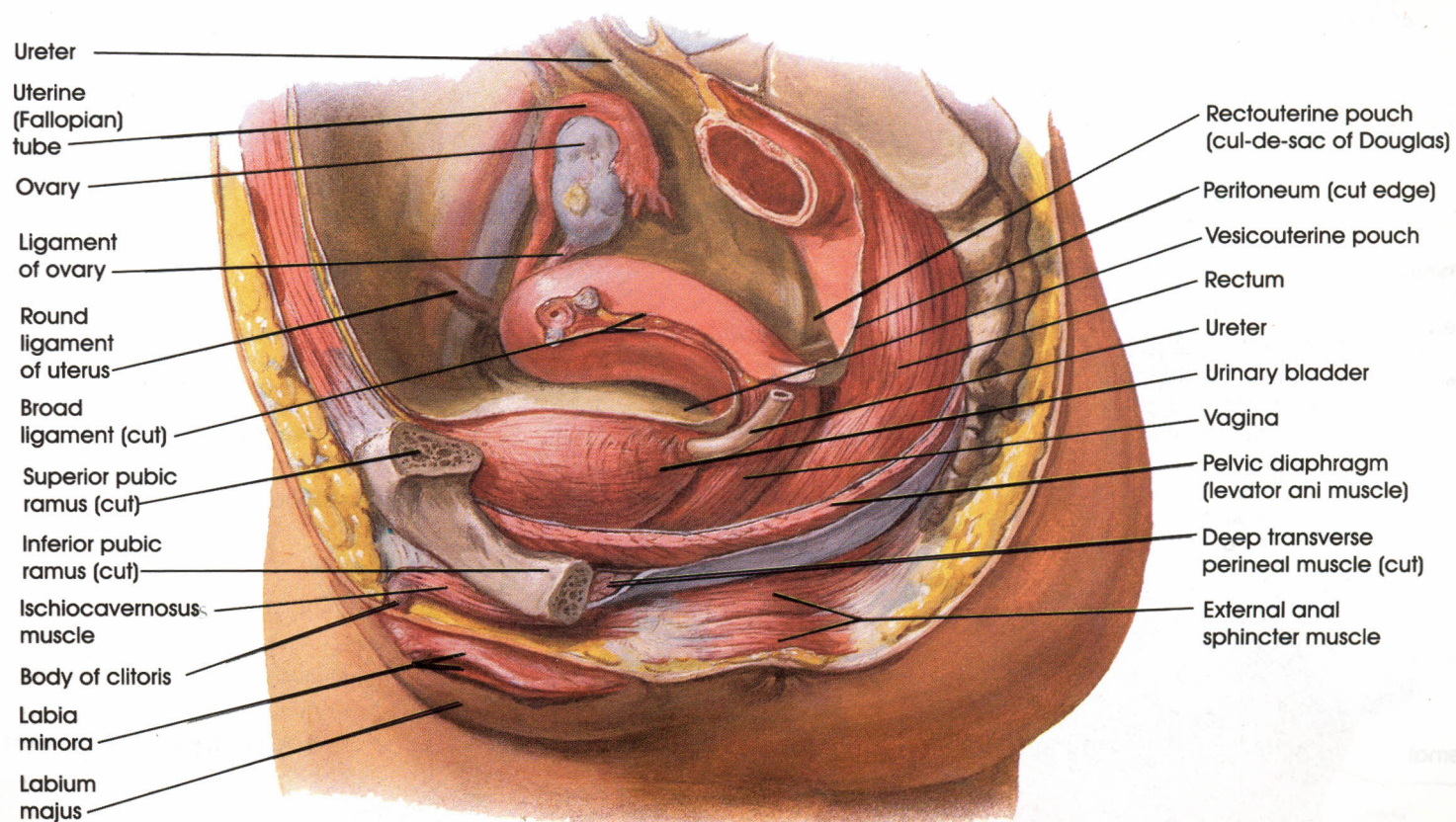
Median (sagittal) section



Median (sagittal) section

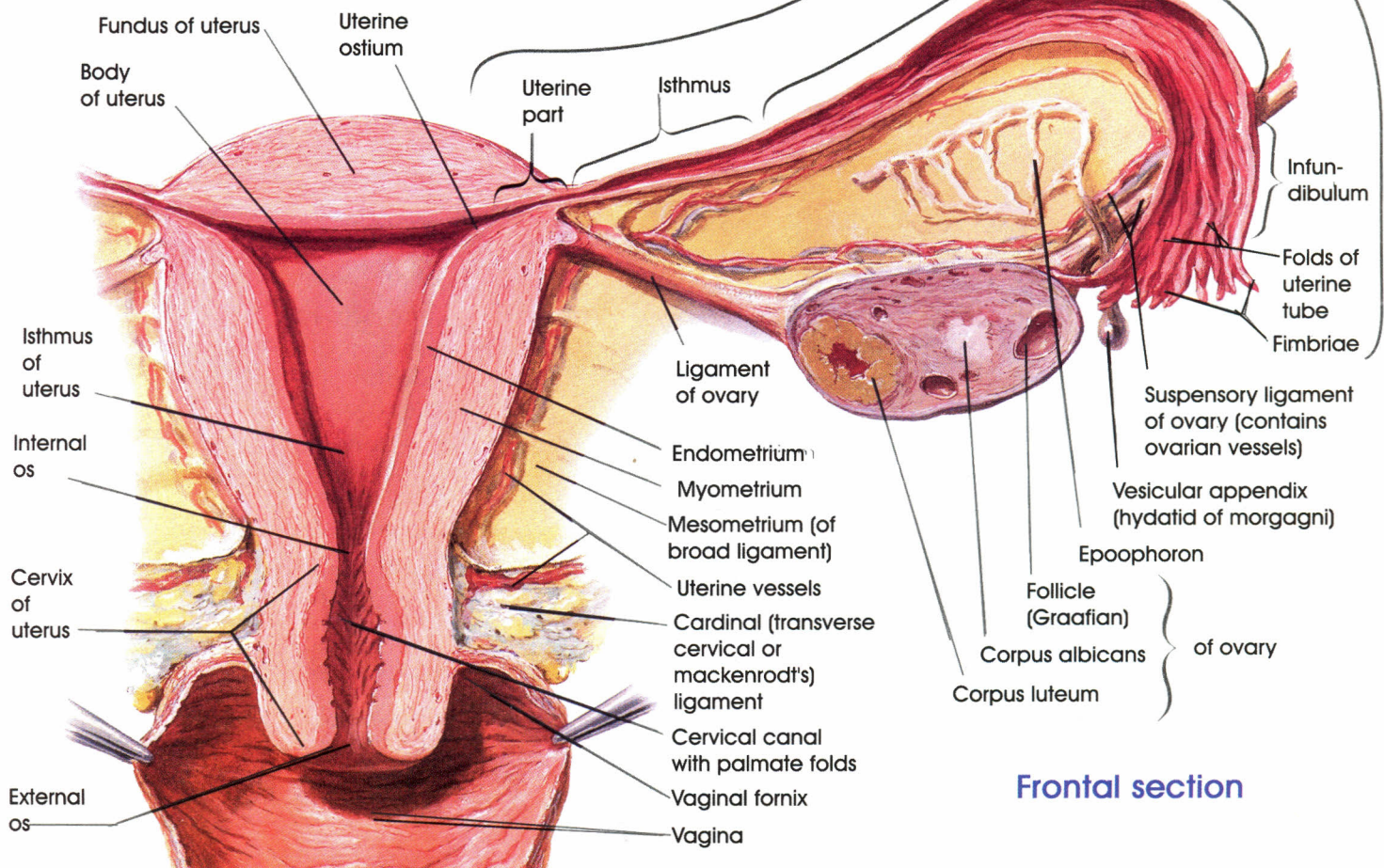
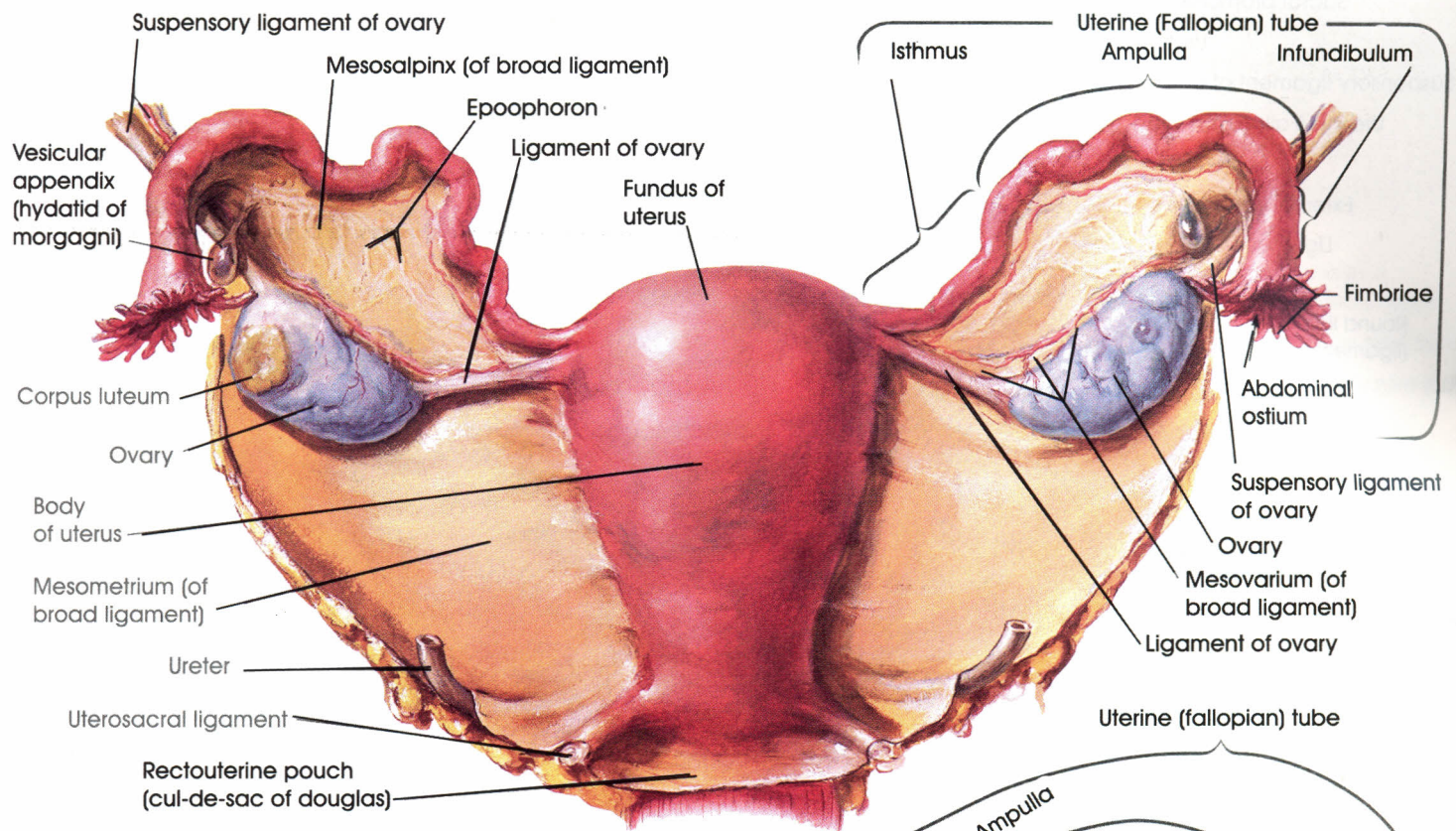


Paramedian (sagittal) dissection



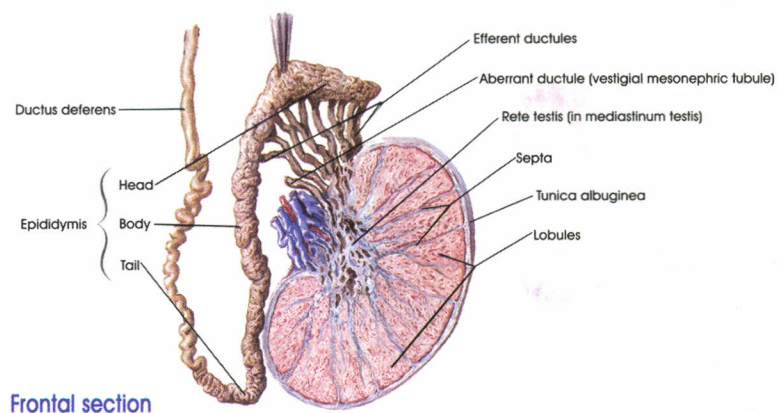
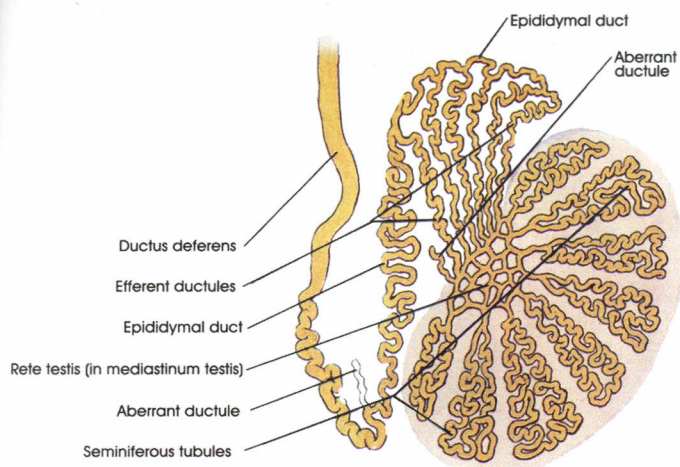
Pelvic Viscera and Perineum: Female

Posterior view

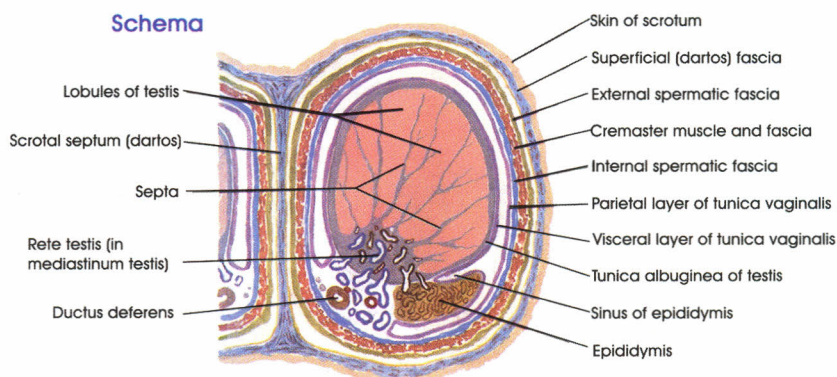


Frontal section

Uterus and adnexa

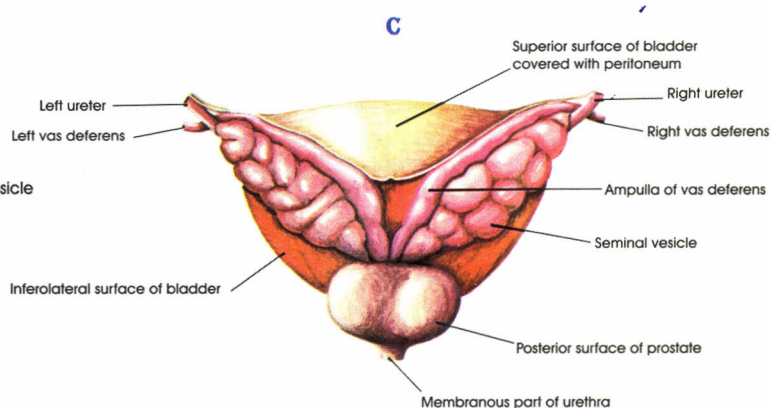
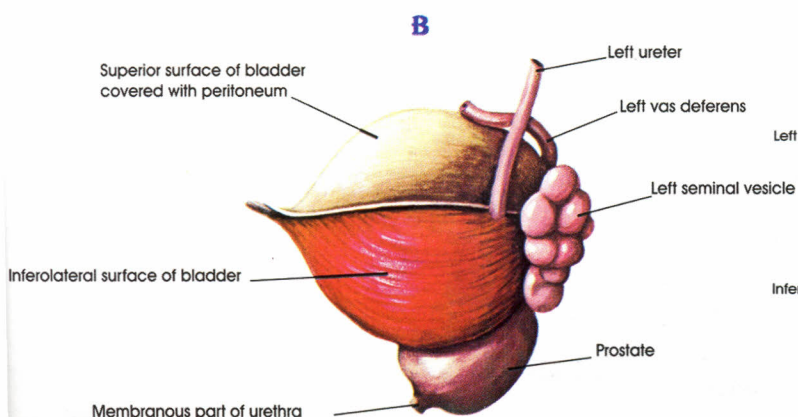
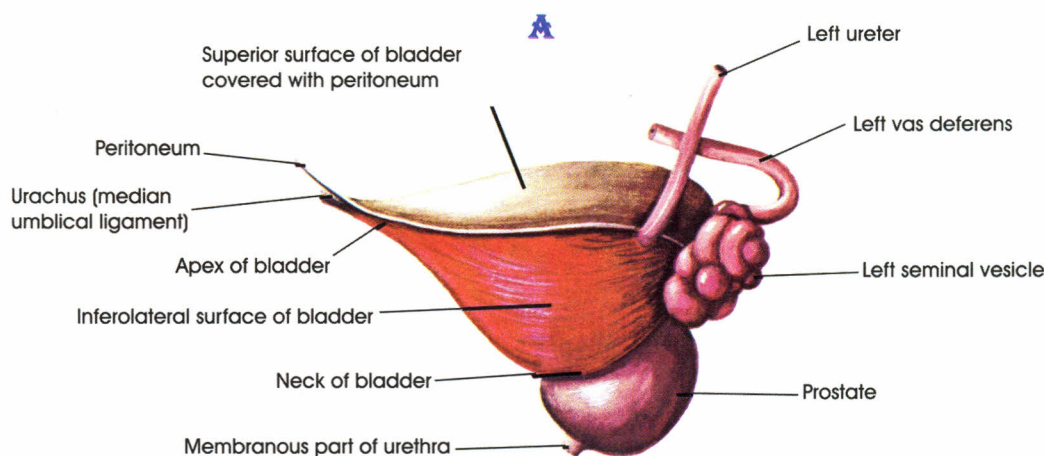


Schema

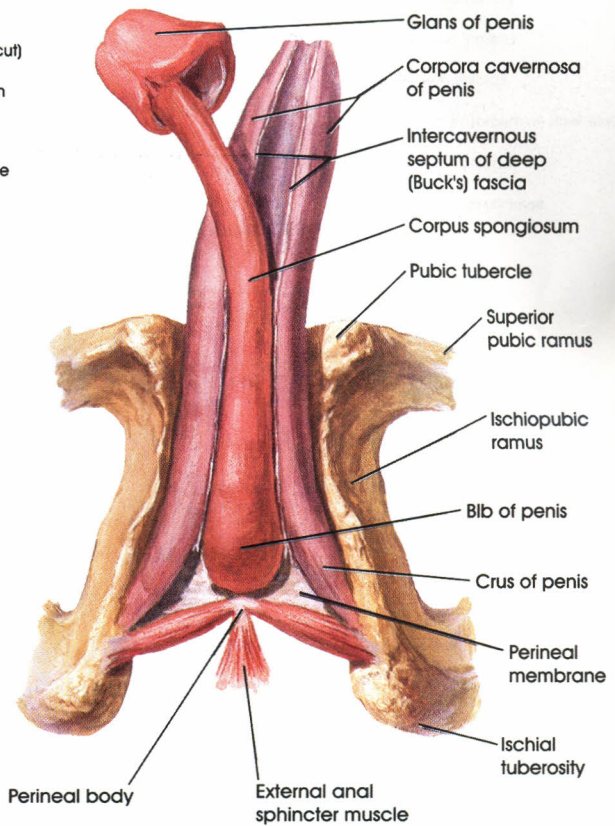


Cross section through scrotum and testis

Testis, Epididymis and Ductus Deferens



A: Empty, lateral view
B: Full, lateral view
C: Empty, posterior view



Penis





Annular hymen



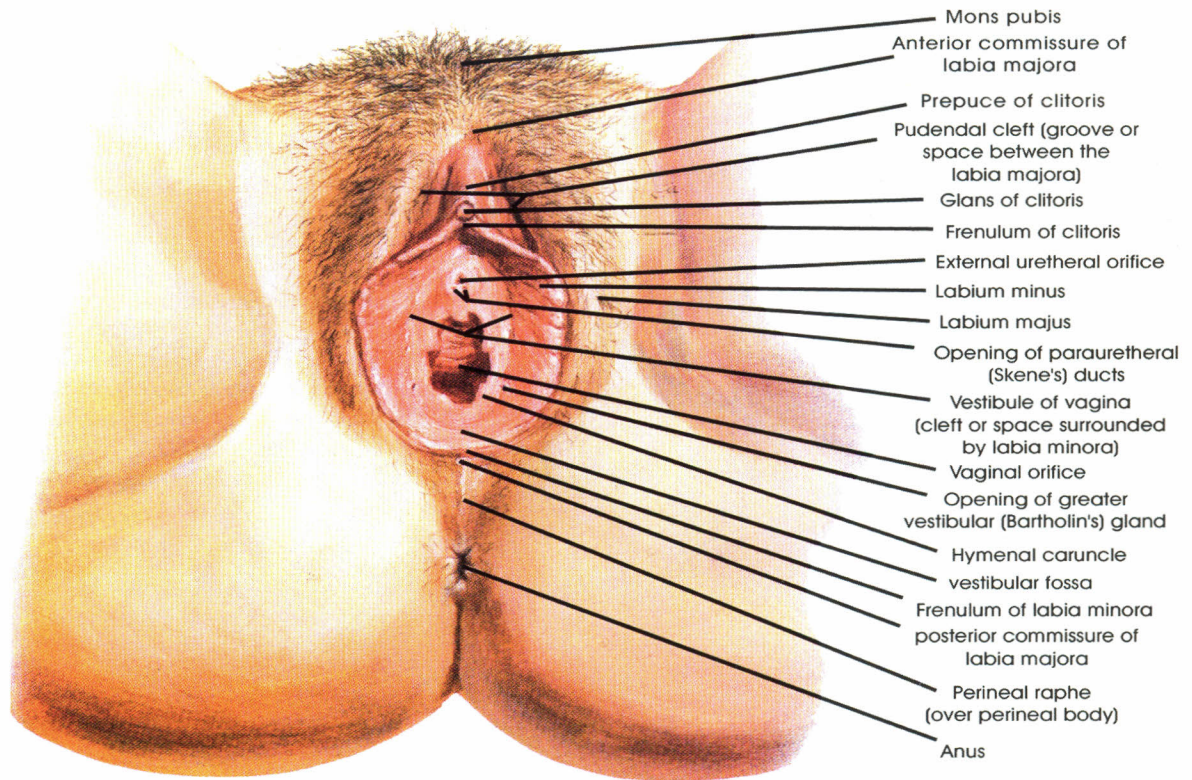
Septate hymen



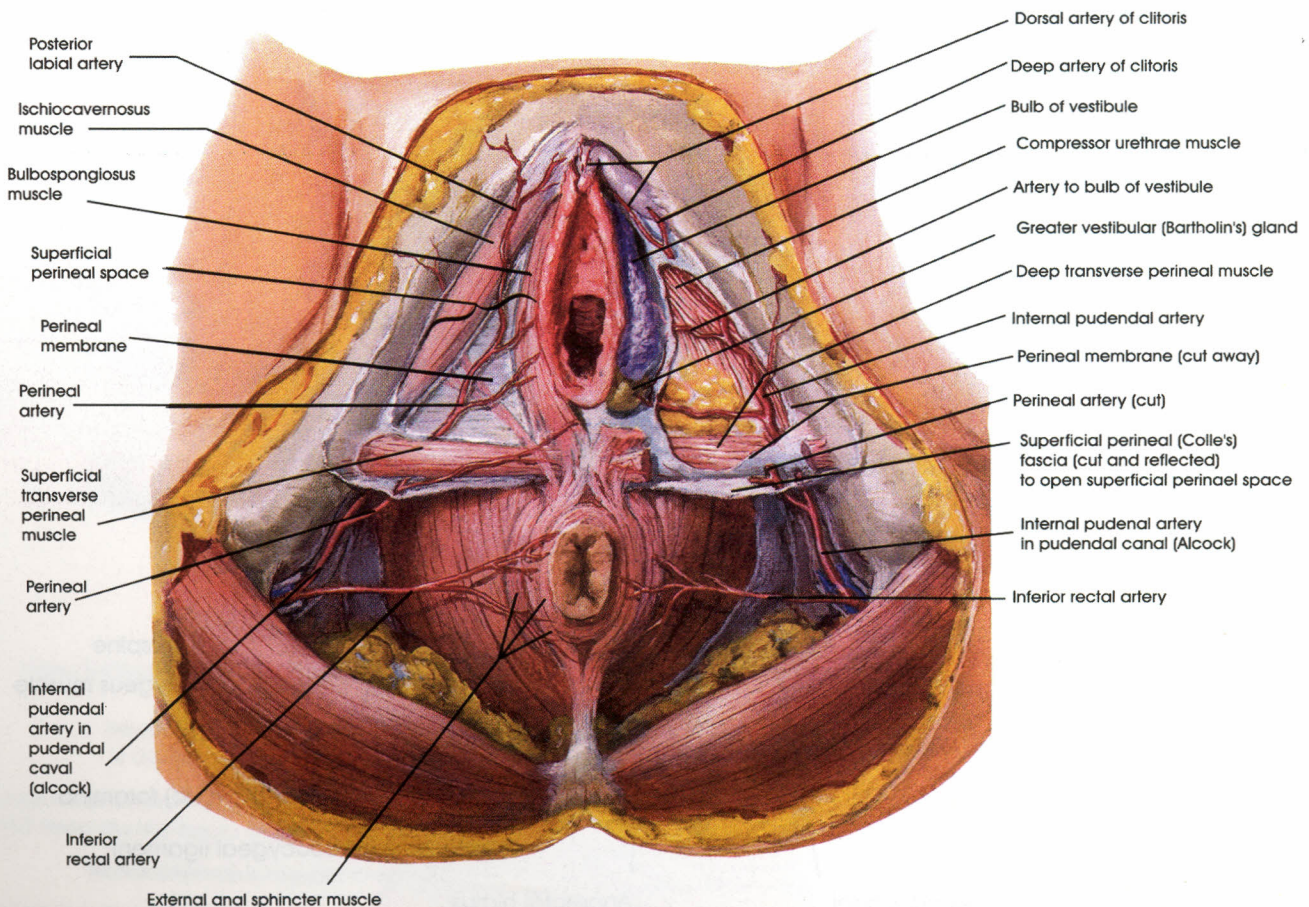
Cribriform hymen



Parous introitus

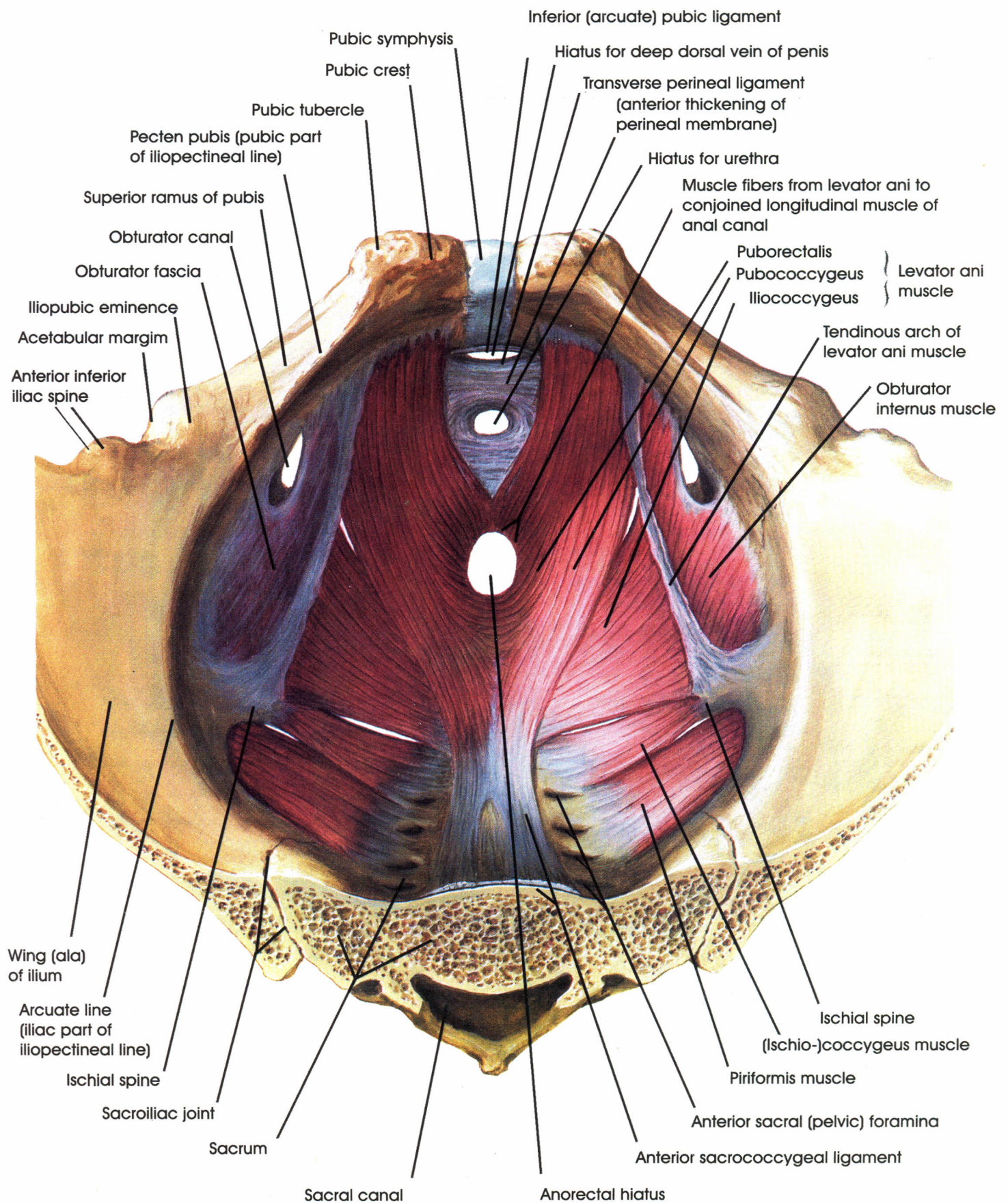


Perineum and External Genitalia (pudendum or vulva)

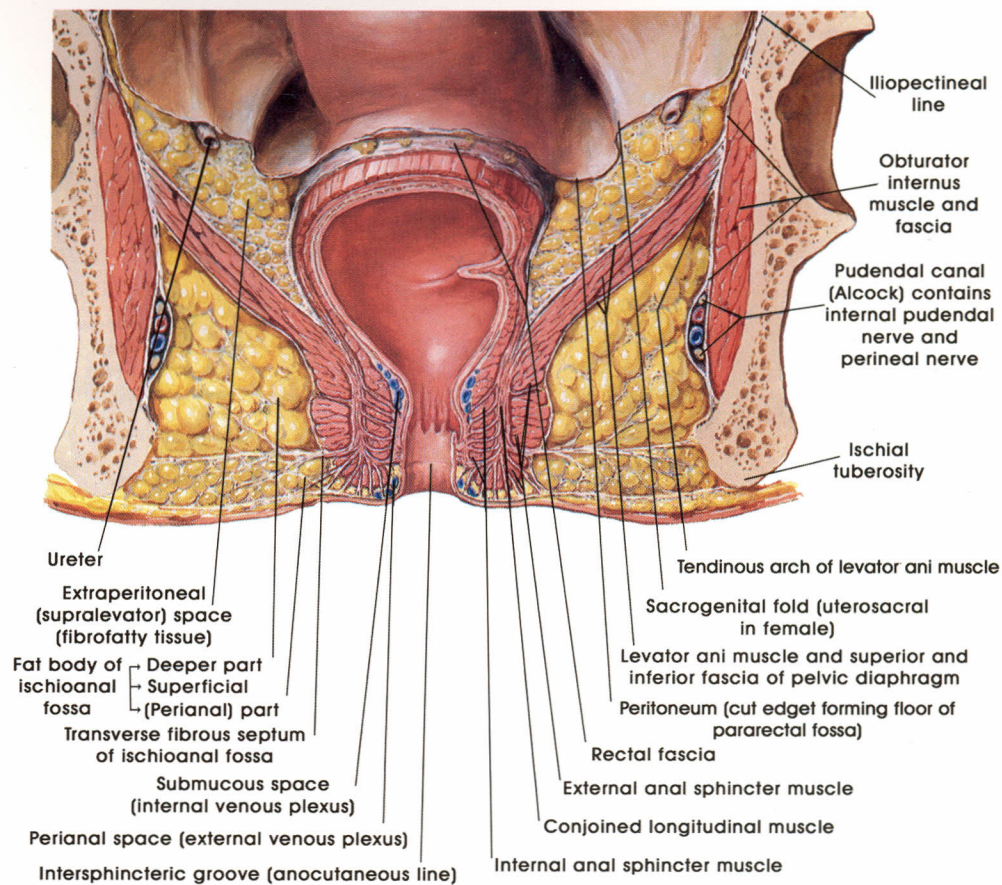


Female perineum

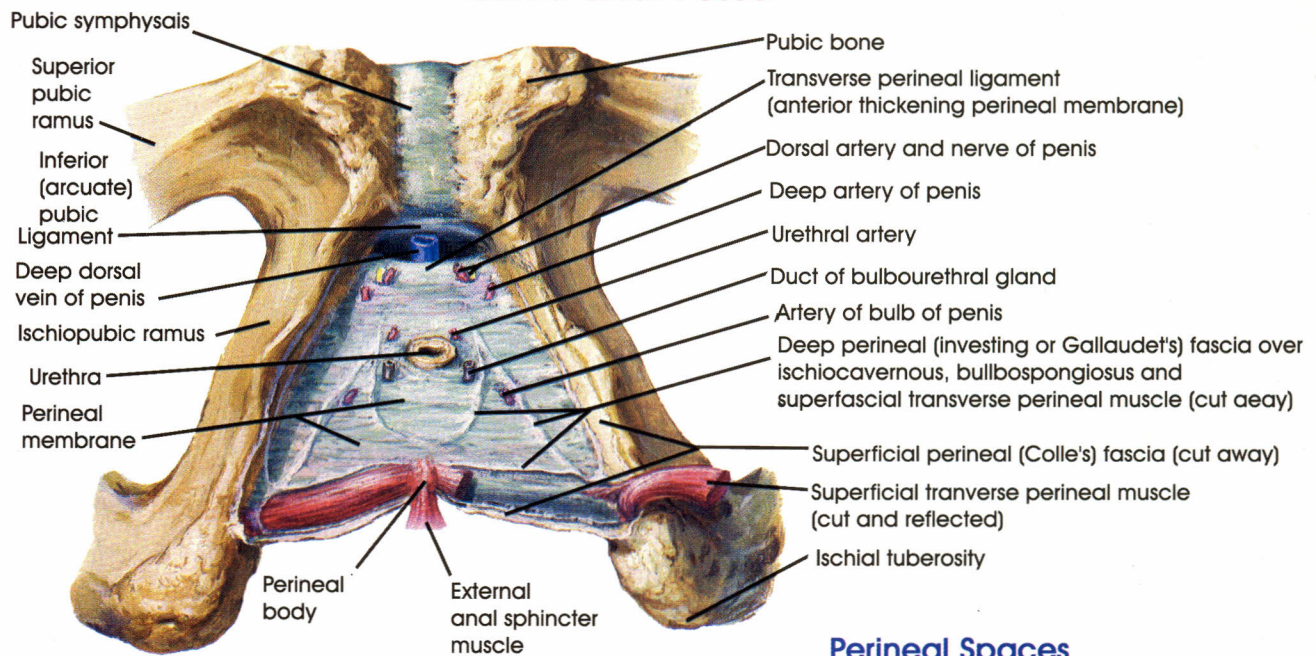
**Superior view
(Viscera removed)**



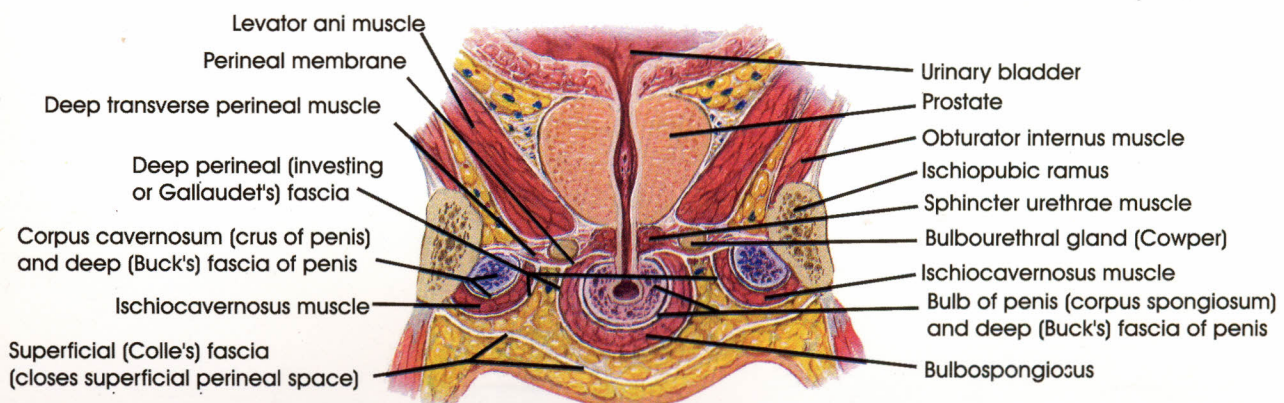
Pelvic Diaphragm, Male



Ischio anal Fossa



Perineal Spaces



Frontal section, anterior view of perineum